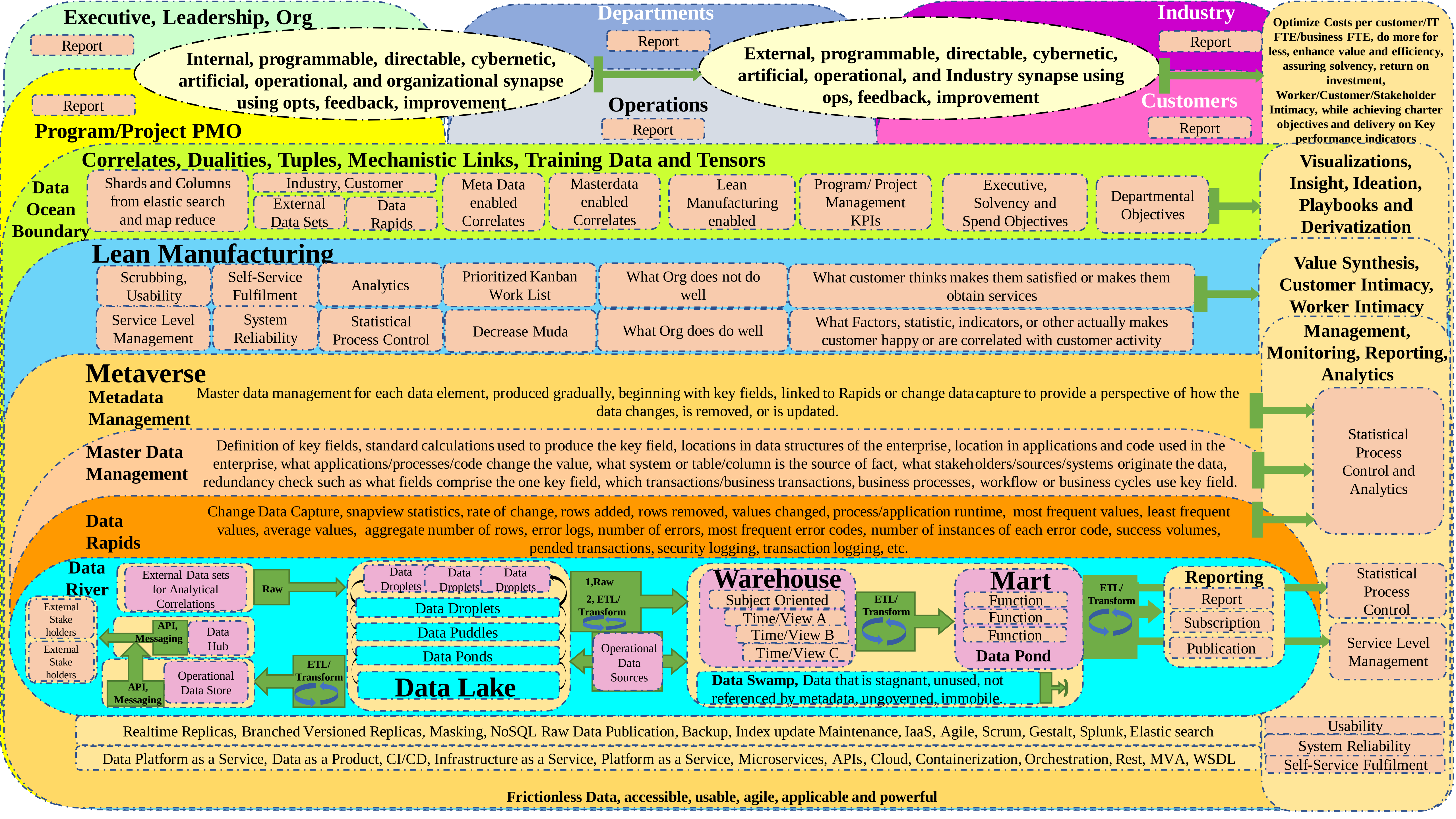


Executive, Leadership, Org

Report

Departments

Report

Industry

Report

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Report

Program/Project PMO

Operations

Report

Customers

Report

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Data Ocean Boundary

- Shards and Columns from elastic search and map reduce
- Industry, Customer
- External Data Sets
- Data Rapids
- Meta Data enabled Correlates
- Masterdata enabled Correlates
- Lean Manufacturing enabled
- Program/ Project Management KPIs
- Executive, Solvency and Spend Objectives
- Departmental Objectives

Visualizations, Insight, Ideation, Playbooks and Derivatization

Lean Manufacturing

- Scrubbing, Usability
- Self-Service Fulfilment
- Analytics
- Prioritized Kanban Work List
- What Org does not do well
- What customer thinks makes them satisfied or makes them obtain services
- Service Level Management
- System Reliability
- Statistical Process Control
- Decrease Muda
- What Org does do well
- What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity

Value Synthesis, Customer Intimacy, Worker Intimacy

Metaverse

Metadata Management Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Management, Monitoring, Reporting, Analytics

Master Data Management Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

Statistical Process Control and Analytics

Data Rapids Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

Data River

External Data sets for Analytical Correlations

Raw

External Stake holders

External Stake holders

API, Messaging

Data Hub

API, Messaging

Operational Data Store

ETL/ Transform

Data Droplets

Data Droplets

Data Droplets

Data Droplets

Data Puddles

Data Ponds

Data Lake

1,Raw

2, ETL/ Transform

Operational Data Sources

Warehouse

Subject Oriented

Time/View A

Time/View B

Time/View C

ETL/ Transform

Mart

Function

Function

Function

Data Pond

ETL/ Transform

Reporting

Report

Subscription

Publication

Statistical Process Control

Service Level Management

Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

Usability

System Reliability

Self-Service Fulfilment

Frictionless Data, accessible, usable, agile, applicable and powerful

Developer Profile

Developer, Tools, IDE, Packages, Image/Container/StackDefinition/YAML building tools, Machine or Virtual Machine for Development, Database, Database Links, source repository Agent or source Integration Agent bug tracking Agent, Image Copy and Backup Routines, backup/check in policies, Database and System Access

Development container from a Hub

Full or percentage container stack yam shipped to desktop

Containerization tools

Desktop Computer Image with Developer Profile

Cloud Native Virtual Machine Image with Developer Profile

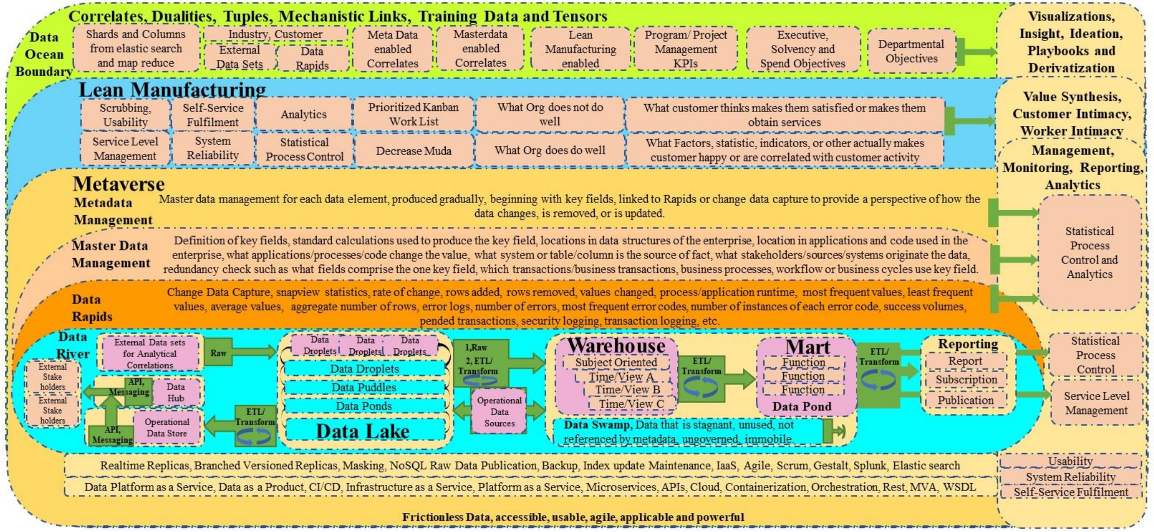
Policy or On Demand Completion

Developer, Tools, IDE, Packages, Image/Container/StackDefinition/YAML or tools to build these, Machine or Virtual Machine for Development, Database, Database Links, source repository Agent or source Integration Agent, Devops Deployment capability linked to Source Code Management and linked to Agent enabled Deployment Locations which are Dynamically configurable also (Data Kitchen, Delfphx for Databases, Ansible, Chef, Urban Code, Jenkins,

Minimum Individual Development, Shared Development 1 and 2 replica of infrastructure, Integration Test, Staging, Model Office, Production and PostProduction replicas and environments

Devops and Dataops for Developers or Infrastructure as a Service for Developers

Tools, services, Access and infrastructure to enable developers to perform devops



Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Data Ocean Boundary

Shards and Columns from elastic search and map reduce

Industry, Customer

External Data Sets

Data Rapids

Meta Data enabled Correlates

Masterdata enabled Correlates

Lean Manufacturing enabled

Program/ Project Management KPIs

Executive, Solvency and Spend Objectives

Departmental Objectives

Visualizations, Insight, Ideation, Playbooks and Derivatization

Lean Manufacturing

Scrubbing, Usability

Self-Service Fulfilment

Analytics

Prioritized Kanban Work List

What Org does not do well

What customer thinks makes them satisfied or makes them obtain services

Service Level Management

System Reliability

Statistical Process Control

Decrease Muda

What Org does do well

What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity

Value Synthesis, Customer Intimacy, Worker Intimacy

Metaverse

Metadata Management Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Master Data Management Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

Data Rapids Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

Management, Monitoring, Reporting, Analytics

Statistical Process Control and Analytics

Data River

External Stake holders

External Stake holders

External Data sets for Analytical Correlations

Raw

API, Messaging

Data Hub

API, Messaging

Operational Data Store

ETL/ Transform

Data Droplets

Data Droplets

Data Droplets

Data Droplets

Data Puddles

Data Ponds

Data Lake

1,Raw

2, ETL/ Transform

Operational Data Sources

Warehouse

Subject Oriented

Time/View A

Time/View B

Time/View C

ETL/ Transform

Mart

Function

Function

Function

Data Pond

ETL/ Transform

Reporting

Report

Subscription

Publication

Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Statistical Process Control

Service Level Management

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

Usability

System Reliability

Self-Service Fulfilment

Frictionless Data, accessible, usable, agile, applicable and powerful

Developer Input

a) Developer/Devops/Dataops Environment and Tools
b) ETL Tools
c) Data Import and Export
d) Data ingestion Tools
e) Data Friction Prevention and Relief Tools
f) Lean Manufacturing Principles
g) Prevention of Muda or Prevention of Inefficiency
h) Machine Learning and Artificial Intelligence
i) Automatic Mapping and Matching of input Data
j) Automatic Mapping of export/import/operational data with HL7 FHIR Master and Extended Profiles, resources and semantics
k) Automatic mapping of import, export and operational data to Enterprise Metadata and Master Data
l) Exception, Balancing, Monitoring and Logging data
m) Statistical Process Control, Runtime Characteristics, Service Level Agreement satisfaction, Critical Success factor, Organizational Charter and other data capture
n) transparency, debugging, monitoring self, balancing, and Polynomial/NonPolynomial Time assessment
o) Massaging of data vectors and views including inlier, outlier, mode, median, correlations, Spatial, and other characteristics particularly regarding Key Fields.
p) Rapid economic Justification, ROI, NPV of correlations and correlates and changes to data enhance derivatization, value, KPI attainment, Service Level Attainment, Statistical Process Control, Critical Success factors, Project Charter, Program Character and Organizational Charter objectives.
q) Automation of master pipelines and subpipelines.

Agile, Scrum, Kanban operations focused on lean manufacturing, Devops, and reduction of inefficiency

Import, Export, ETL, Transform, Route, Split, Integrate, Improve, CRUD, Ocean, Lake, Warehouse, Mart, ODS, River, Rapids, Process Using APIs, Massively Parallel Batch, Transactional, Balance, Monitor, Log Data

Integrate Control, Balancing, Monitoring, Logging data with KPI, Charter Objective, Critical Success factor, Statistical Process Control and Service Level Attainment Data in Data Glacier Model Processing

AI, ML Masterdata, Metadata, HL7, WSDL, Json, Etc Data Mapping

Improve Organizational Performance with subpipes,Master Pipes

Orchestrations, Subpipes and Masterpipe Devops/Dataops Tool Source, Transform, and Concluding Output programmed and Configured

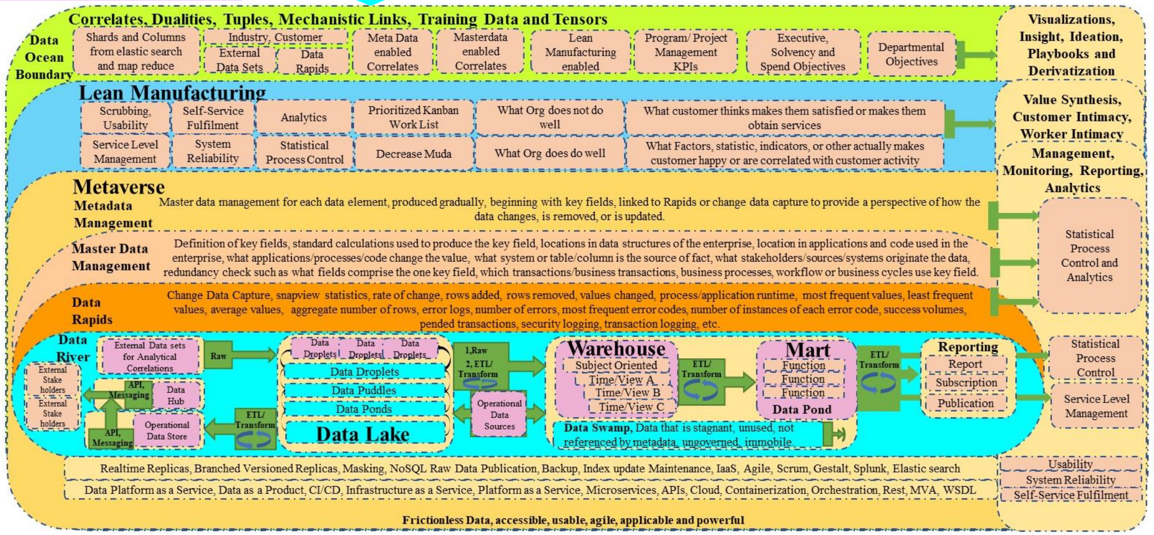
Analytics, Visualization, Insight, Ideation, Derivatization, Graphs, Sigmoids, Views, Reports, Columns, Schards, SCD2,3,4,6 for changing data, Test Criteria at each subpipe

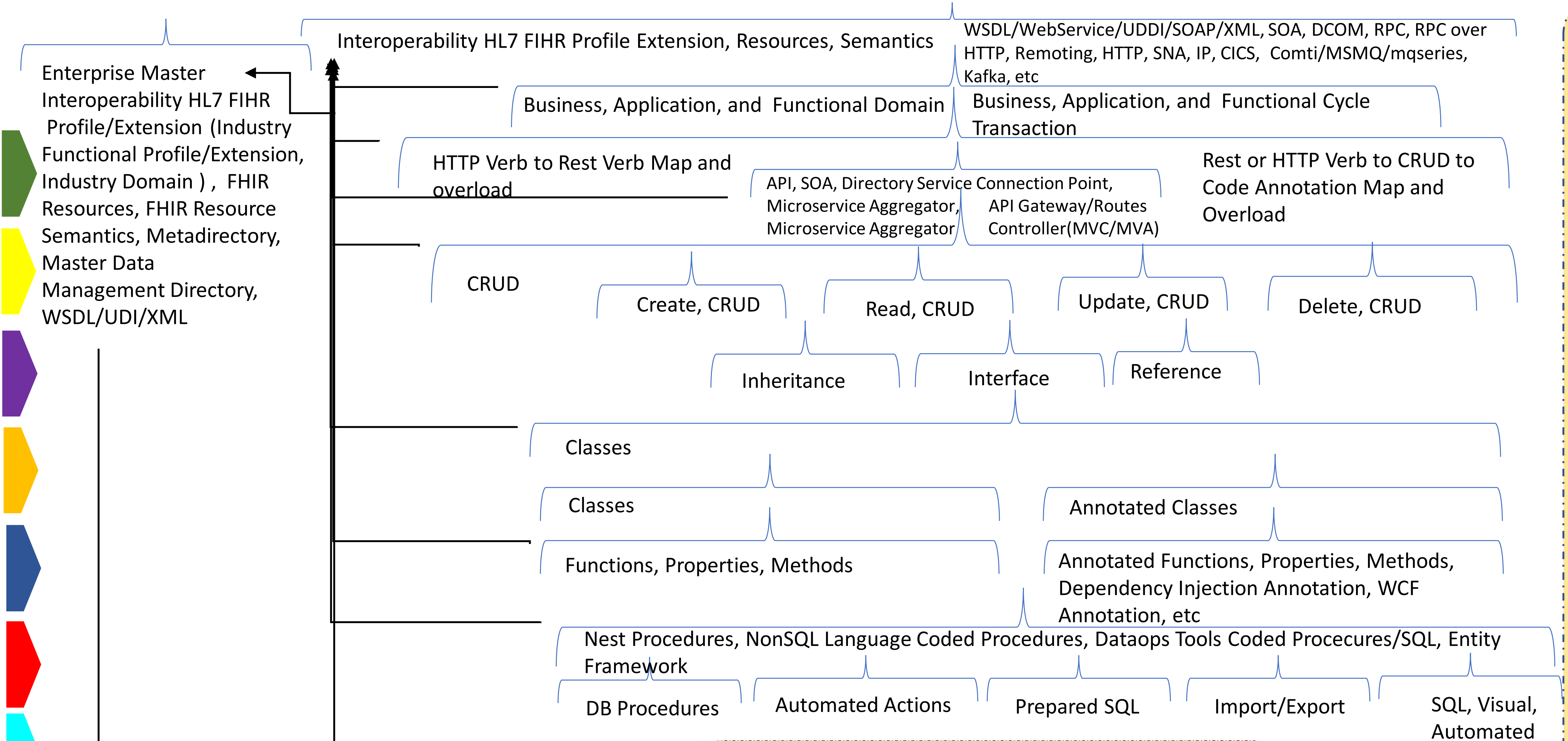
Link subpipes into a Master Devops Pipeline or weave subpipes into existing Master Pipeline Scheduler with Test Methods or Methods invoked to assay Test Criteria

Dataops by developers, Engineers, and Data Scientists

Invoke Master Pipeline, Builds occur during deployment, Echo and log Test Method or Test Criteria Results, Assay accuracy of storypoint/codelines/modules/tables estimates, Master/Meta/Interoperability Data mapped to API

HTTP/REST/CRUD Verb, /DDL/SQL, Table, Column, Shard, Reports, Massively Parallel Data Operations, Enterprise Pipeline Level Elastic Map Reduce and Elastic Search


Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Management, Monitoring, Reporting, Analytics
Metaverse
Metadata Management
Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.
Master Data Management
Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.
Statistical Process Control and Analytics
Data Rapids
Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.
Data River
External Stake holders
External Stake holders
External Data sets for Analytical Correlations
Raw
API, Messaging
Data Hub
API, Messaging
Operational Data Store
ETL/ Transform
Data Droplets
Data Droplets
Data Droplets
Data Droplets
Data Puddles
Data Ponds
Data Lake
1,Raw 2, ETL/ Transform
Operational Data Sources
Warehouse
Subject Oriented
Time/View A
Time/View B
Time/View C
ETL/ Transform
Mart
Function
Function
Function
Data Pond
ETL/ Transform
Reporting
Report
Subscription
Publication
Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.
Statistical Process Control
Service Level Management
Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search
Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL
Usability
System Reliability
Self-Service Fulfilment
Frictionless Data, accessible, usable, agile, applicable and powerful



Enterprise Master Interoperability HL7 FIHR Profile/Extension (Industry Functional Profile/Extension, Industry Domain) , FHIR Resources, FHIR Resource Semantics, Metadirectory, Master Data Management Directory, WSDL/UDI/XML

Interoperability HL7 FIHR Profile Extension, Resources, Semantics

WSDL/WebService/UDDI/SOAP/XML, SOA, DCOM, RPC, RPC over HTTP, Remoting, HTTP, SNA, IP, CICS, Comti/MSMQ/mqseries, Kafka, etc

Business, Application, and Functional Domain

Business, Application, and Functional Cycle Transaction

HTTP Verb to Rest Verb Map and overload

API, SOA, Directory Service Connection Point, Microservice Aggregator, Microservice Aggregator

API Gateway/Routes Controller(MVC/MVA)

Rest or HTTP Verb to CRUD to Code Annotation Map and Overload

CRUD

Create, CRUD

Read, CRUD

Update, CRUD

Delete, CRUD

Inheritance

Interface

Reference

Classes

Classes

Annotated Classes

Functions, Properties, Methods

Annotated Functions, Properties, Methods, Dependency Injection Annotation, WCF Annotation, etc

Nest Procedures, NonSQL Language Coded Procedures, Dataops Tools Coded Procecures/SQL, Entity Framework

DB Procedures

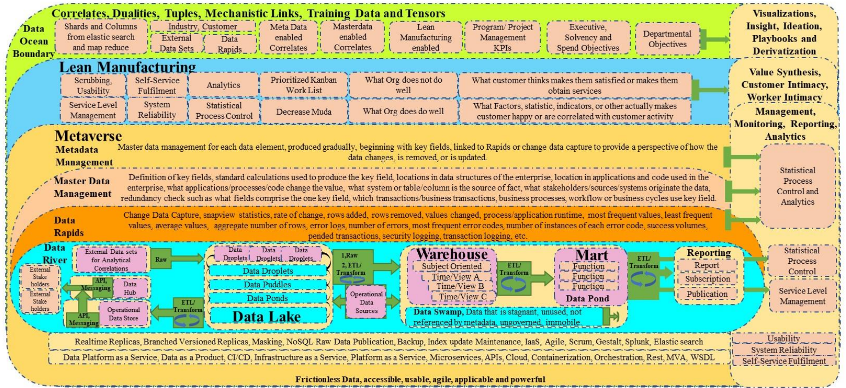
Automated Actions

Prepared SQL

Import/Export

SQL, Visual, Automated Management, Direct Access tools

Database, Datamodel or Model


Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Management, Monitoring, Reporting, Analytics
Metaverse
Metadata Management
Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.
Master Data Management
Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.
Statistical Process Control and Analytics
Data Rapids
Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.
Data River
External Data sets for Analytical Correlations
Raw
External Stake holders
External Stake holders
API, Messaging
Data Hub
API, Messaging
Operational Data Store
ETL/ Transform
Data Droplets
Data Droplets
Data Droplets
Data Droplets
Data Puddles
Data Ponds
Data Lake
1,Raw 2, ETL/ Transform
Operational Data Sources
Warehouse
Subject Oriented
Time/View A
Time/View B
Time/View C
ETL/ Transform
Mart
Function
Function
Function
Data Pond
ETL/ Transform
Reporting
Report
Subscription
Publication
Statistical Process Control
Service Level Management
Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile
Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search
Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL
Usability
System Reliability
Self-Service Fulfilment
Frictionless Data, accessible, usable, agile, applicable and powerful

Database, Datamodel or Model

General Application Architecture integration into Interoperability to Layer 7 of the OSI Stack

```
EncapsulationInvokedService  = new
Encapsulated();
String InvokedServiceResponse    =
InvokedServiceResponse.Setter();

CRUDWrapperEncapsulationInvokedService  =
new CRUDWrapperEncapusation();
String InvokedServiceResponse    =
CRUDWrapperEncapsulationInvokedService.InvokedServiceResponse.Getter();

POST /xml/tempconvert.asmx HTTP/1.1
Host: www.website.com
Content-Type: application/soap+xml
Content-Length: 349
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap:Body>
    <GetUserBalance
xmlns="https://www.website.com/XML/BusinessDomain/FunctionalDomain/API/">
      <User>75</UserId>
    </Getter>
  </soap:Body>
</soap:Envelope>

dsquery * -filter
"(&(CN=BusinessFunctionalAPIDomainServiceConnectionPointinActiveDirectoryorLDAP)(objectClass=serviceConnectionPoint))“

$ curl
http://APIGatewayServiceConnectionPoint:Port/APIBusinessFunctionalDomain/Service/Route/GetterOrSetter

using System;
using System.Net.Http;
using System.Net.Http.Json;
using
Microsoft.Extensions.DependencyInjection;
var services = new ServiceCollection();
services.AddHttpClient();
var serviceProvider =
services.BuildServiceProvider();
var client =
serviceProvider.GetService<HttpClient>();
var response = await

client.GetFromJsonAsync<AnnotationFromMethodDependencyIncjection>("https://api.restfullapi.io/rest/APIBusinessFunctionalDomain/Interface/Superclass/");
//or
client.GetFromJsonAsync<GetterorSetter>("https://api.restfullapi.io/rest/APIBusinessFunctionalDomain/EncapsulatedbusinessTransactionorBean");
Console.WriteLine($"Id: {response.Id}");
Console.WriteLine($"Joke: {response.Value}");
public
AnnotationFromMethodDependencyInjection(string Id, string Value, string Url);
//or
public
EncapsulatedBusinessTransactionOrBeanGetterOrSetter(string Id, string Value, string Url);
```

Dataops Developer Input

a) All Devops Developer Input
b) Developer Environment and Tools
c) Promote to Live Service Environments
d) Organizational Charter and Project Charter
e) Critical Success Factors
f) General Use Case from JAD Session
g) Service Level Metrics for Quality, Service, Scalability and Performance
h) Statistical Process Controls for logging, monitoring, transparency, debugging, monitoring self, balancing, and Polynomial/NonPolynomial Time assessment
i) Key Performance Indicators
j) Estimate of Number of modules, lines of code, number of tables, dbms artifacts and level of reusability from already developed code and infrastructure, along with post development follow up on accuracy of these estimates
k) Epic, Story and Task and Story Points
l) Testing Criteria, Qualitative, Quantitative
m) Master Data, Meta Data, and Interoperability Definition (HL7 FIHR Profile and resource) for each variable, field, calculation a well as labeling of each at declaration, logging as balancing monitoring data for each change to key fields and data elements otherwise
n) Kanban list with pointed and estimated epics, stories and tasks
o) Map Table Data => DB Procedure => Data Access Method => AnnotationLabel/Rest/Injection/WCF => Method/Class/Property => Class => Module +> Application = CRUD to Annotation Level, Rest Verb overload to CRUD Map => Interface to CRUD Map => API => Encapsulation Layer for conversational business objects, Java Beans, Business transactions, etc

jUnit, nUnit, Emma, .Net Testing framework or simply building in Test Criteria as Methods in Classes or Classes in Namespaces, or functions in methods, or in Main()

Balancing, Monitoring, Logging, KPI, Statistical Process Control, Critical Success Factor, Service Level Requirement integrated into code

Map to and Register Master Data, Table Data and Code variables with Data, Hl7 FIHR Profile or Extension or Master HL7 FIHR Aggregate Profile,

Unit test, Update API

Checkin code to git, githum, Source Control

Packaged War, Jar, Nuget, SQL, SQT, Configuration Scripts, Files, Yaml, Container, Virtual Machine, Code otherwise, Json, Xml, Etc

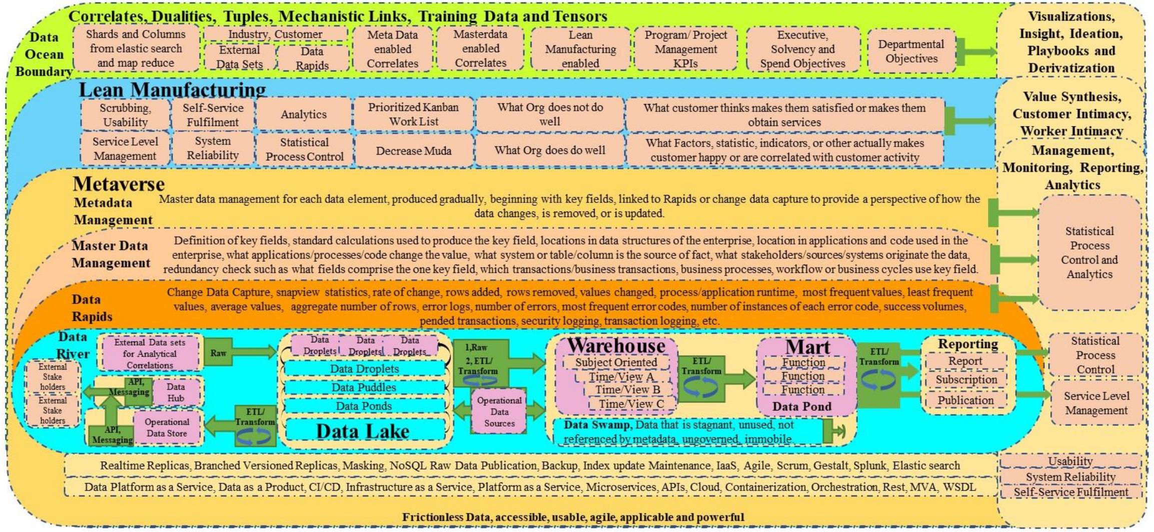
Configure Build or Make, Deployment Orders/Recipes/Schedules as Devops subpipes, using Devops capability or custom pipeline code

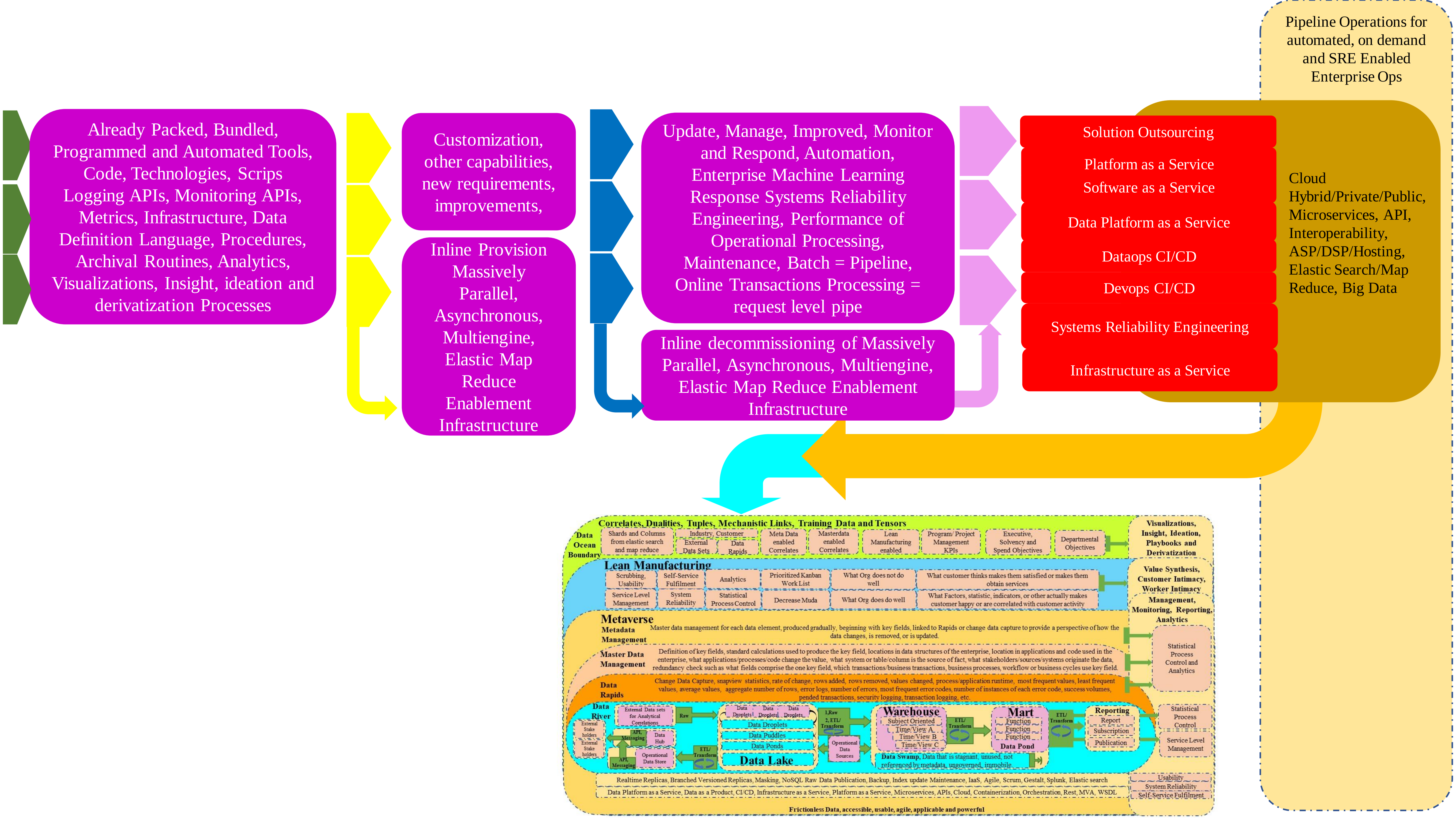
Link subpipes into a Master Devops Pipeline or weave subpipes into existing Master Pipeline Scheduler with Test Methods or Methods invoked to assay Test Criteria

Dataops by developer, Data Engineers

Invoke Master Pipeline, Builds occur during deployment, Echo and log Test Method or Test Criteria Results, Assay accuracy of storypoint/codelines/modules/tables estimates, Master/Meta/Interoperability Data mapped to API

Actual Deployment of Applications, Services, Entrypoints, Interfaces, WSDL, URIs, Application Domains, Interoperability Semantics Domains, APIs, Code, Data Artifacts, Containers, Pods, Clusters


Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Management, Monitoring, Reporting, Analytics
Metaverse
Metadata Management
Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.
Master Data Management
Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.
Statistical Process Control and Analytics
Data Rapids
Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.
Data River
External Stake holders
External Stake holders
External Data sets for Analytical Correlations
Raw
API, Messaging
Data Hub
API, Messaging
Operational Data Store
ETL/ Transform
Data Droplets
Data Droplets
Data Droplets
Data Droplets
Data Puddles
Data Ponds
Data Lake
1,Raw 2, ETL/ Transform
Operational Data Sources
Warehouse
Subject Oriented
Time/View A
Time/View B
Time/View C
ETL/ Transform
Mart
Function
Function
Function
Data Pond
ETL/ Transform
Reporting
Report
Subscription
Publication
Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.
Statistical Process Control
Service Level Management
Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search
Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL
Usability
System Reliability
Self-Service Fulfilment
Frictionless Data, accessible, usable, agile, applicable and powerful



Pipeline Operations for automated, on demand and SRE Enabled Enterprise Ops

Already Packed, Bundled, Programmed and Automated Tools, Code, Technologies, Scrips Logging APIs, Monitoring APIs, Metrics, Infrastructure, Data Definition Language, Procedures, Archival Routines, Analytics, Visualizations, Insight, ideation and derivatization Processes

Customization, other capabilities, new requirements, improvements,

Inline Provision Massively Parallel, Asynchronous, Multiengine, Elastic Map Reduce Enablement Infrastructure

Update, Manage, Improved, Monitor and Respond, Automation, Enterprise Machine Learning Response Systems Reliability Engineering, Performance of Operational Processing, Maintenance, Batch = Pipeline, Online Transactions Processing = request level pipe

Inline decommissioning of Massively Parallel, Asynchronous, Multiengine, Elastic Map Reduce Enablement Infrastructure

Solution Outsourcing

Platform as a Service

Software as a Service

Data Platform as a Service

Dataops CI/CD

Devops CI/CD

Systems Reliability Engineering

Infrastructure as a Service

Cloud Hybrid/Private/Public, Microservices, API, Interoperability, ASP/DSP/Hosting, Elastic Search/Map Reduce, Big Data

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Data Ocean Boundary

Shards and Columns from elastic search and map reduce

Industry, Customer

External Data Sets

Data Rapids

Meta Data enabled Correlates

Masterdata enabled Correlates

Lean Manufacturing enabled

Program/ Project Management KPIs

Executive, Solvency and Spend Objectives

Departmental Objectives

Visualizations, Insight, Ideation, Playbooks and Derivatization

Lean Manufacturing

Scrubbing, Usability

Self-Service Fulfilment

Analytics

Prioritized Kanban Work List

What Org does not do well

What customer thinks makes them satisfied or makes them obtain services

Service Level Management

System Reliability

Statistical Process Control

Decrease Muda

What Org does do well

What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity

Value Synthesis, Customer Intimacy, Worker Intimacy

Management, Monitoring, Reporting, Analytics

Metaverse

Metadata Management Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Master Data Management Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

Data Rapids Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

Statistical Process Control and Analytics

Data River

External Stake holders

External Stake holders

External Data sets for Analytical Correlations

Raw

API, Messaging

Data Hub

API, Messaging

Operational Data Store

ETL/ Transform

Data Droplets

Data Droplets

Data Droplets

Data Droplets

Data Puddles

Data Ponds

Data Lake

1,Raw

2, ETL/ Transform

Operational Data Sources

Warehouse

Subject Oriented

Time/View A

Time/View B

Time/View C

ETL/ Transform

Mart

Function

Function

Function

Data Pond

ETL/ Transform

Reporting

Report

Subscription

Publication

Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Statistical Process Control

Service Level Management

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

Usability

System Reliability

Self-Service Fulfilment

Frictionless Data, accessible, usable, agile, applicable and powerful

Loadbalanced Noncoversational Remote Procedure Calls, Conversational Interactions only with Sticky Sessions. Dual homed networks with static routes and multipath I/O for servers using 1 network Interface for client and 1 network interface for other services. Isolated links between all Database Servers and Storage Array (Direct Crossover Cable Linkage, Physical Switch/Hub, Cloud Virtual Switch Hub) and separate Fibre/ISCSI/Network Interface between DB Server and Storage Array. Network and Fibre Interface set to Full Duplex, highest throughput bandwidth, maximized buffers, TCP/IP window Scaling enabled RFC7323, Application and OS TCP/IP buffer maximum and windows size, Jumbo MTU Size on all internal Routers/Switches/Bridges, Local Full Directory Replica and Site in each Security Zone/DMZ and all APIs access databases using connection pooling and upgraded version that use Kerberos instead of NTLM. Database Procedure, SQL and Programming Code using Try/Catch/finally code blocks as well as Begin/Commit/Rollback transactions with @@trancount. DB procedures using withrecompile and Native Recompile. Running nonintrusive update statistics several times each day and before or after batch processing windows or massive update/insert/deletes.

Operational Readiness Laboratory Systemic Testing to produce indicators of diminished quality and performance using critical success factors, service level criteria, statistical process control criteria, program objectives, KPIs while determining scale up and scale out modalities, utilization/volume of service at which each incipient and each scalability unit must be increased, using transaction cost analyses

Determine thresholds of systems monitors causally indicative of deteriorating quality or performance outside of service levels such as number of sessions, simultaneous requests per second, disk response time, disk queue length, cpu queue length, network card queue length, tcp errors a second or retransmits per second, response time from an app or to an app, ping response time, context switches a second, network utilization near or over 30%,Dataase connect limit or connections, DB spid request time or blocking and locking, also determining graphs of how scaleup or scale out as well as performance tuning affects linear/disleaer capacity graphs or sigmoids

Deploy Agents, Monitors, event aggregation, and automated actions/rules/tensors for scale up/out, down/in, notification, resolution, etc

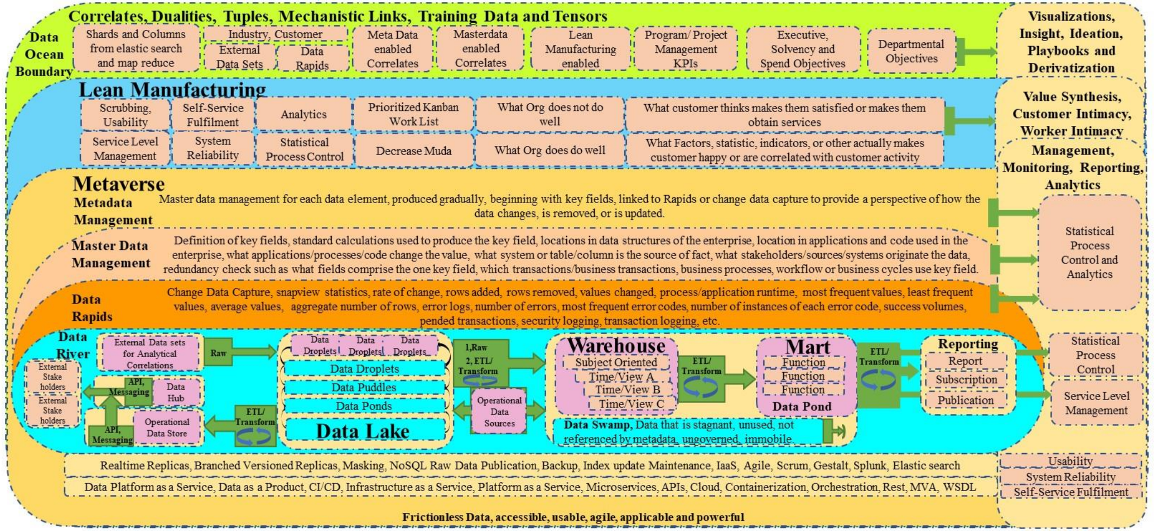
Perform automation pipeline to resolve, replace, scale, or enhance platform capacity, performance or function responsively to events or on demand

Recommission and reprovison images, machines, application service points, applications, software, containers, and other components responsively to events or upon demand

Data Governance
Linking Objective Attainment to Value Synthesis, Stability, Quality and Performance

Service Level Criteria,
Statistical Process Control Thresholds,
Key Perfomrance Indicator,
Program and Project Objectives,

Enterprise Elastic SRE, Systems Reliability Engineering/Assurance


Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Management, Monitoring, Reporting, Analytics
Metaverse
Metadata Management

Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

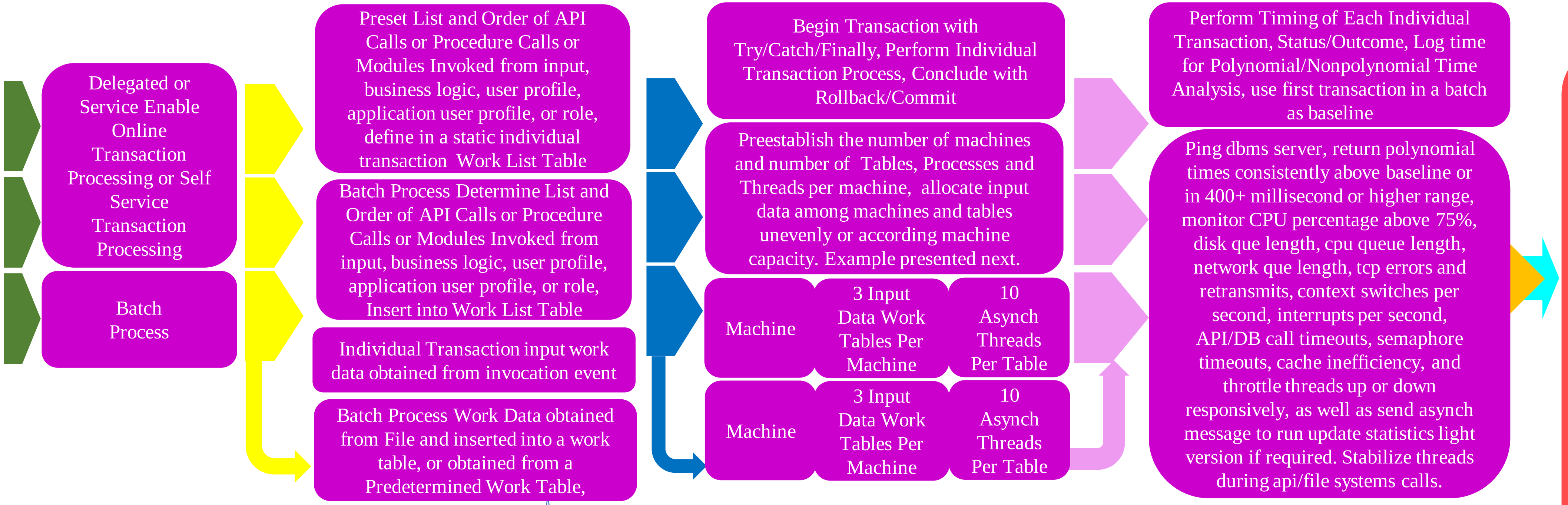
Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

Frictionless Data, accessible, usable, agile, applicable and powerful

Enterprise Elastic SRE, Systems Reliability Engineering/Assurance



Delegated or Service Enable Online Transaction Processing or Self Service Transaction Processing

Batch Process

Preset List and Order of API Calls or Procedure Calls or Modules Invoked from input, business logic, user profile, application user profile, or role, define in a static individual transaction Work List Table

Batch Process Determine List and Order of API Calls or Procedure Calls or Modules Invoked from input, business logic, user profile, application user profile, or role, Insert into Work List Table

Individual Transaction input work data obtained from invocation event

Batch Process Work Data obtained from File and inserted into a work table, or obtained from a Predetermined Work Table,

Begin Transaction with Try/Catch/Finally, Perform Individual Transaction Process, Conclude with Rollback/Commit

Preestablish the number of machines and number of Tables, Processes and Threads per machine, allocate input data among machines and tables unevenly or according machine capacity. Example presented next.

Machine	3 Input Data Work Tables Per Machine	10 Asynch Threads Per Table
Machine	3 Input Data Work Tables Per Machine	10 Asynch Threads Per Table

Perform Timing of Each Individual Transaction, Status/Outcome, Log time for Polynomial/Nonpolynomial Time Analysis, use first transaction in a batch as baseline

Ping dbms server, return polynomial times consistently above baseline or in 400+ millisecond or higher range, monitor CPU percentage above 75%, disk que length, cpu queue length, network que length, tcp errors and retransmits, context switches per second, interrupts per second, API/DB call timeouts, semaphore timeouts, cache inefficiency, and throttle threads up or down responsively, as well as send asynch message to run update statistics light version if required. Stabilize threads during api/file systems calls.

Data Governance
Linking Objective Attainment to Value Synthesis, Stability, Quality and Performance

Service Level Criteria, Statistical Process Control Thresholds, Key Performance Indicator, Program and Project Objectives, balancing, logging, Monitoring, reporting, archiving each work/input with each api call status, work item status, changed db key field by maintaining variables in db code or tables for state, then updating logging/balancing monitor table.

Maintain State Between API or module calls in Database

API, SOA, Directory Service Connection Point, Microservice Aggregator, API Gateway/Routes Microservice Aggregator Controller(MVC/MVA)

Nest Procedures, NonSQL Language Coded Procedures, Dataops Tools Coded Procecures/SQL, Entity Framework

DB Procedures

Automated Actions

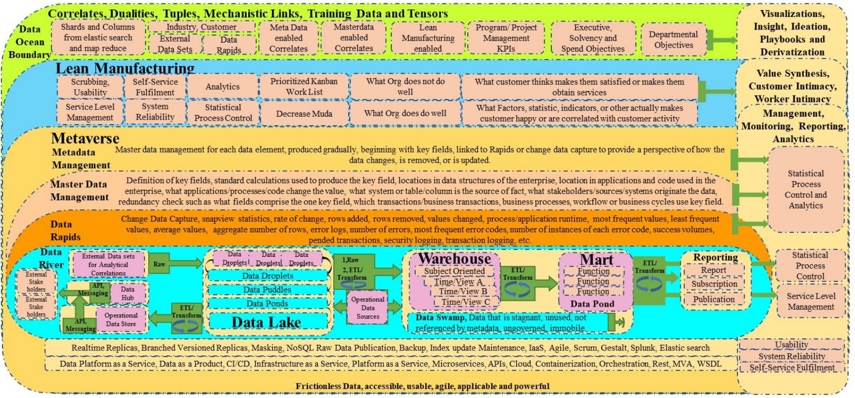
Prepared SQL

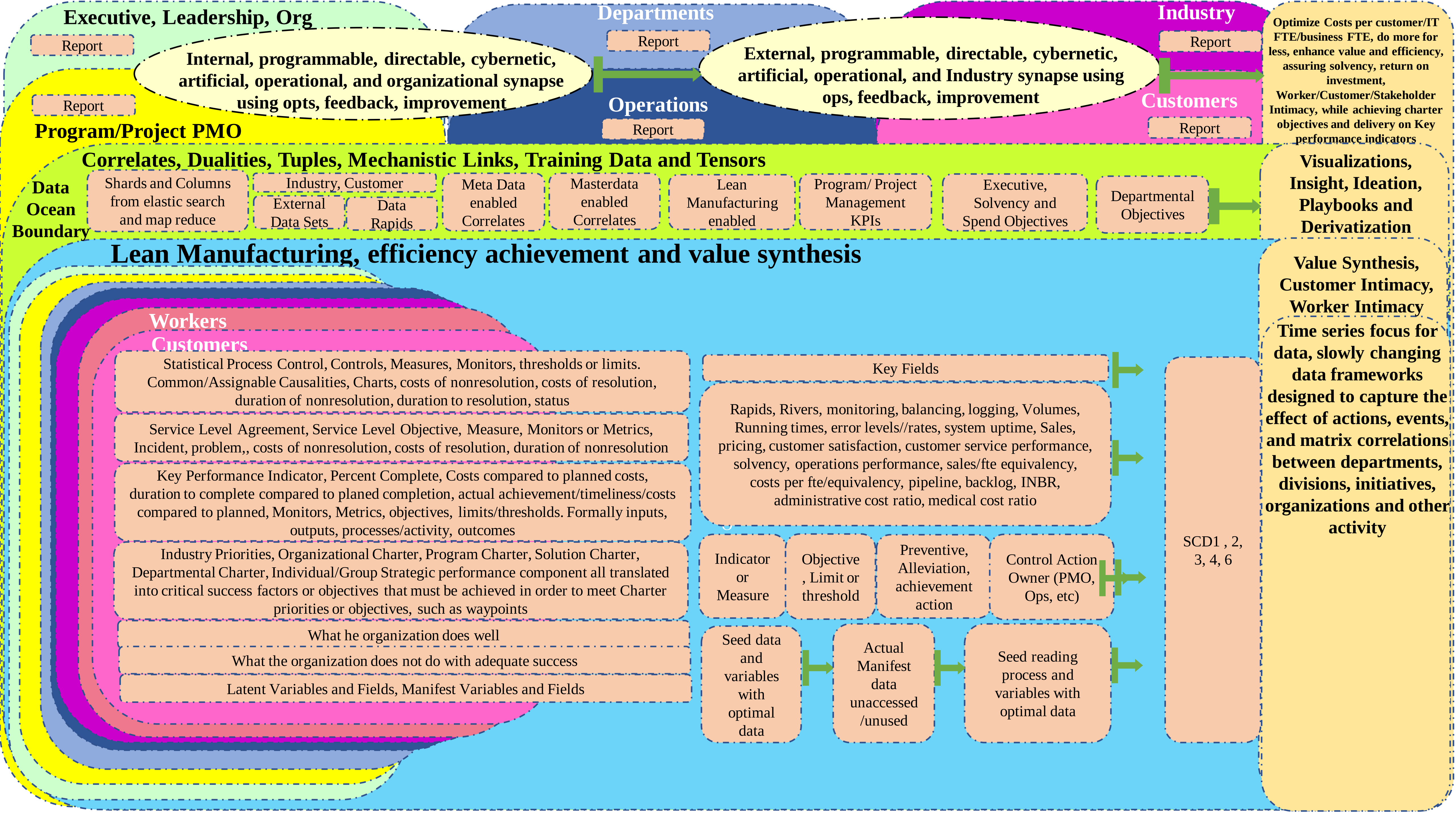
Import/Export

SQL, Visual, Automated Management, Direct Access tools

Database and Tables to Maintain State as Separate Database

Tables to Maintain State within Same Database


Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Value Synthesis, Customer Intimacy, Worker Intimacy
Management, Monitoring, Reporting, Analytics
Metaverse
Metadata Management
Master Data Management
Statistical Process Control and Analytics
Data Rapids
Data River
Warehouse
Mart
Data Pond
Data Lake
Data Swamp
Reporting
Statistical Process Control
Service Level Management
Usability
System Reliability
Self Service Fulfillment
Frictionless Data, accessible, usable, agile, applicable and powerful



Executive, Leadership, Org

Report

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

Report

Program/Project PMO

Departments

Report

Operations

Report

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Industry

Report

Customers

Report

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Data Ocean Boundary

Shards and Columns from elastic search and map reduce

Industry, Customer

External Data Sets

Data Rapids

Meta Data enabled Correlates

Masterdata enabled Correlates

Lean Manufacturing enabled

Program/ Project Management KPIs

Executive, Solvency and Spend Objectives

Departmental Objectives

Visualizations, Insight, Ideation, Playbooks and Derivatization

Lean Manufacturing, efficiency achievement and value synthesis

Value Synthesis, Customer Intimacy, Worker Intimacy

Time series focus for data, slowly changing data frameworks designed to capture the effect of actions, events, and matrix correlations between departments, divisions, initiatives, organizations and other activity

Workers

Customers

Statistical Process Control, Controls, Measures, Monitors, thresholds or limits. Common/Assignable Causalities, Charts, costs of nonresolution, costs of resolution, duration of nonresolution, duration to resolution, status

Service Level Agreement, Service Level Objective, Measure, Monitors or Metrics, Incident, problem,, costs of nonresolution, costs of resolution, duration of nonresolution

Key Performance Indicator, Percent Complete, Costs compared to planned costs, duration to complete compared to planed completion, actual achievement/timeliness/costs compared to planned, Monitors, Metrics, objectives, limits/thresholds. Formally inputs, outputs, processes/activity, outcomes

Industry Priorities, Organizational Charter, Program Charter, Solution Charter, Departmental Charter, Individual/Group Strategic performance component all translated into critical success factors or objectives that must be achieved in order to meet Charter priorities or objectives, such as waypoints

What he organization does well

What the organization does not do with adequate success

Latent Variables and Fields, Manifest Variables and Fields

Key Fields

Rapids, Rivers, monitoring, balancing, logging, Volumes, Running times, error levels//rates, system uptime, Sales, pricing, customer satisfaction, customer service performance, solvency, operations performance, sales/fte equivalency, costs per fte/equivalency, pipeline, backlog, INBR, administrative cost ratio, medical cost ratio

Indicator or Measure

Objective , Limit or threshold

Preventive, Alleviation, achievement action

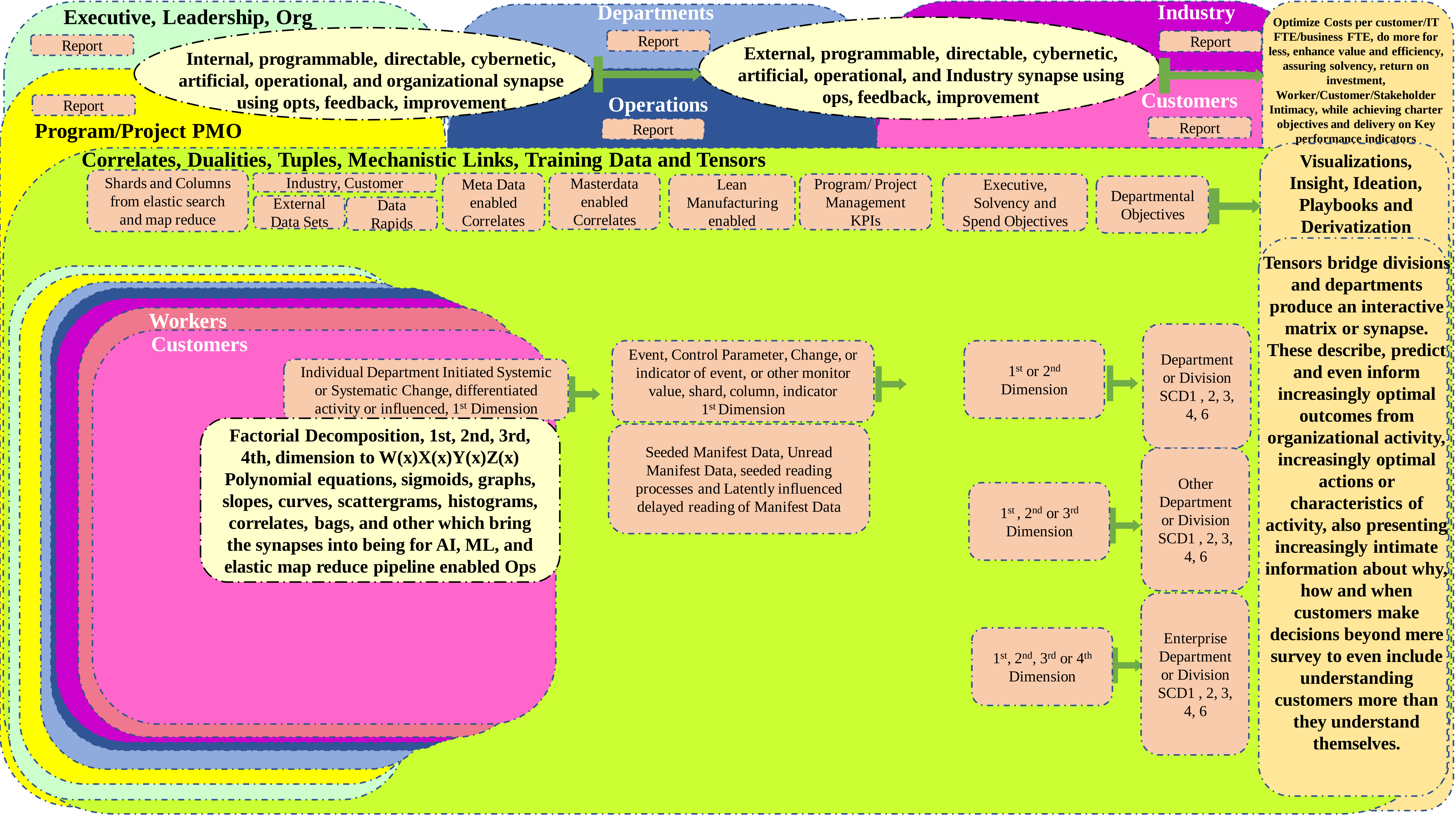
Control Action Owner (PMO, Ops, etc)

Seed data and variables with optimal data

Actual Manifest data unaccessed /unused

Seed reading process and variables with optimal data

SCD1 , 2, 3, 4, 6



Executive, Leadership, Org

Report

Report

Program/Project PMO

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

Departments

Report

Operations

Report

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Industry

Report

Customers

Report

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Shards and Columns from elastic search and map reduce

Industry, Customer

External Data Sets

Data Rapids

Meta Data enabled Correlates

Masterdata enabled Correlates

Lean Manufacturing enabled

Program/ Project Management KPIs

Executive, Solvency and Spend Objectives

Departmental Objectives

Visualizations, Insight, Ideation, Playbooks and Derivatization

Workers

Customers

Individual Department Initiated Systemic or Systematic Change, differentiated activity or influenced, 1st Dimension

Factorial Decomposition, 1st, 2nd, 3rd, 4th, dimension to W(x)X(x)Y(x)Z(x) Polynomial equations, sigmoids, graphs, slopes, curves, scattergrams, histograms, correlates, bags, and other which bring the synapses into being for AI, ML, and elastic map reduce pipeline enabled Ops

Event, Control Parameter, Change, or indicator of event, or other monitor value, shard, column, indicator 1st Dimension

Seeded Manifest Data, Unread Manifest Data, seeded reading processes and Latently influenced delayed reading of Manifest Data

1st or 2nd Dimension

Department or Division SCD1 , 2, 3, 4, 6

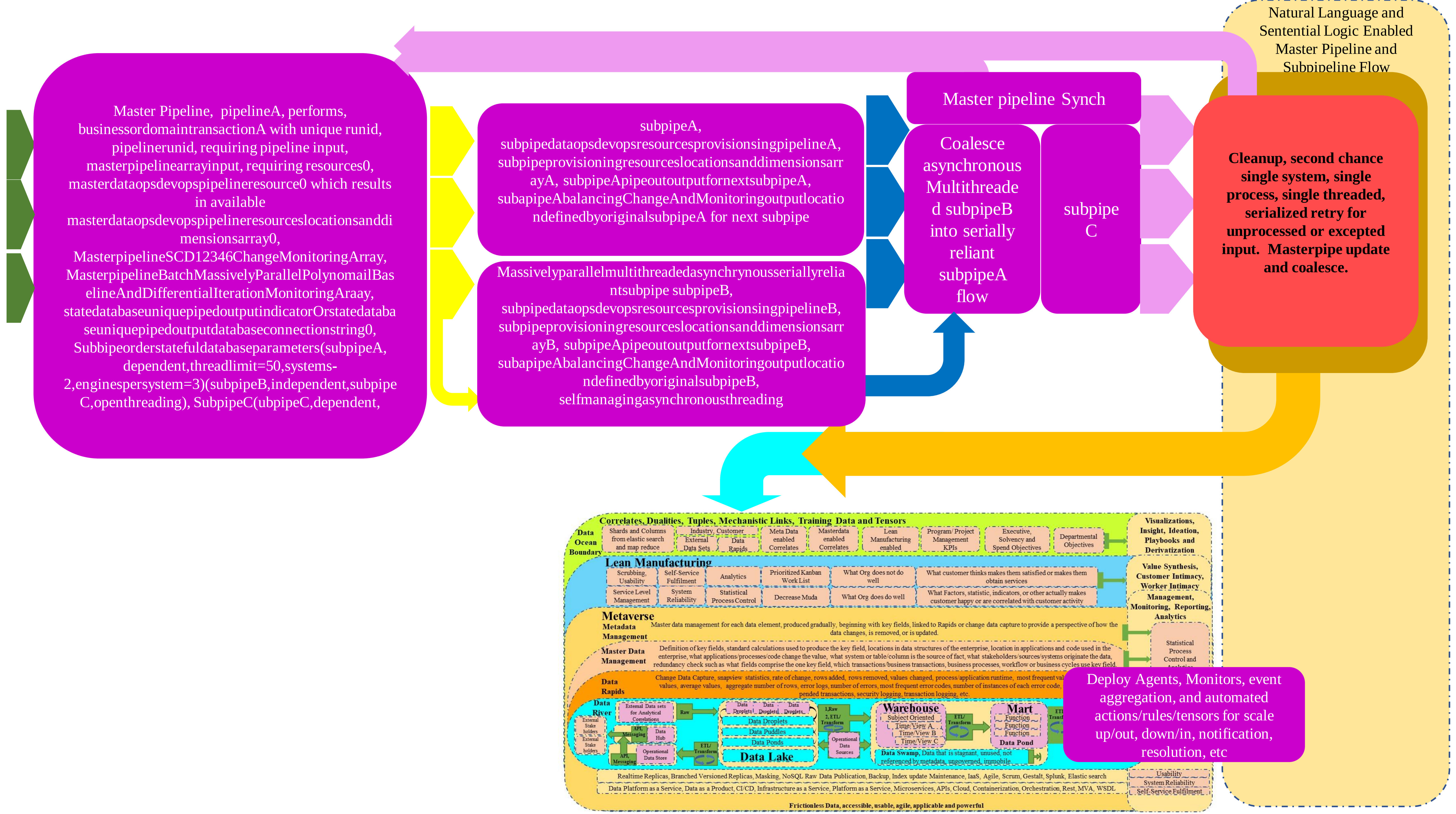
1st , 2nd or 3rd Dimension

Other Department or Division SCD1 , 2, 3, 4, 6

1st, 2nd, 3rd or 4th Dimension

Enterprise Department or Division SCD1 , 2, 3, 4, 6

Tensors bridge divisions and departments produce an interactive matrix or synapse. These describe, predict and even inform increasingly optimal outcomes from organizational activity, increasingly optimal actions or characteristics of activity, also presenting increasingly intimate information about why, how and when customers make decisions beyond mere survey to even include understanding customers more than they understand themselves.



Natural Language and Sentential Logic Enabled Master Pipeline and Subpipeline Flow

Master Pipeline, pipelineA, performs, businessordomaintransactionA with unique runid, pipelinerunid, requiring pipeline input, masterpipelinearrayinput, requiring resources0, masterdataopsdevopspipelineresource0 which results in available masterdataopsdevopspipelineresourceslocationsanddimensionsarray0, MasterpipelineSCD12346ChangeMonitoringArray, MasterpipelineBatchMassivelyParallelPolynomailBaselineAndDifferentialIterationMonitoringAraay, statedatabaseuniquepipedoutputindicatorOrstatedatabaseuniquepipedoutputdatabaseconnectionstring0, Subbipeorderstatefuldatabaseparameters(subpipeA, dependent,threadlimit=50,systems-2,enginespersystem=3)(subpipeB,independent,subpipeC,openthreading), SubpipeC(ubpipeC,dependent,

subpipeA, subpipedataopsdevopsresourcesprovisionsingpipelineA, subpipeprovisioningresourceslocationsanddimensionsarrayA, subpipeApipeoutoutputfornextsubpipeA, subapipeAbalancingChangeAndMonitoringoutputlocationdefinedbyoriginalsubpipeA for next subpipe

Massivelyparallelmultithreadedasynchrynousseriallyreliantsubpipe subpipeB, subpipedataopsdevopsresourcesprovisionsingpipelineB, subpipeprovisioningresourceslocationsanddimensionsarrayB, subpipeApipeoutoutputfornextsubpipeB, subapipeAbalancingChangeAndMonitoringoutputlocationdefinedbyoriginalsubpipeB, selfmanagingasynchronousthreading

Master pipeline Synch

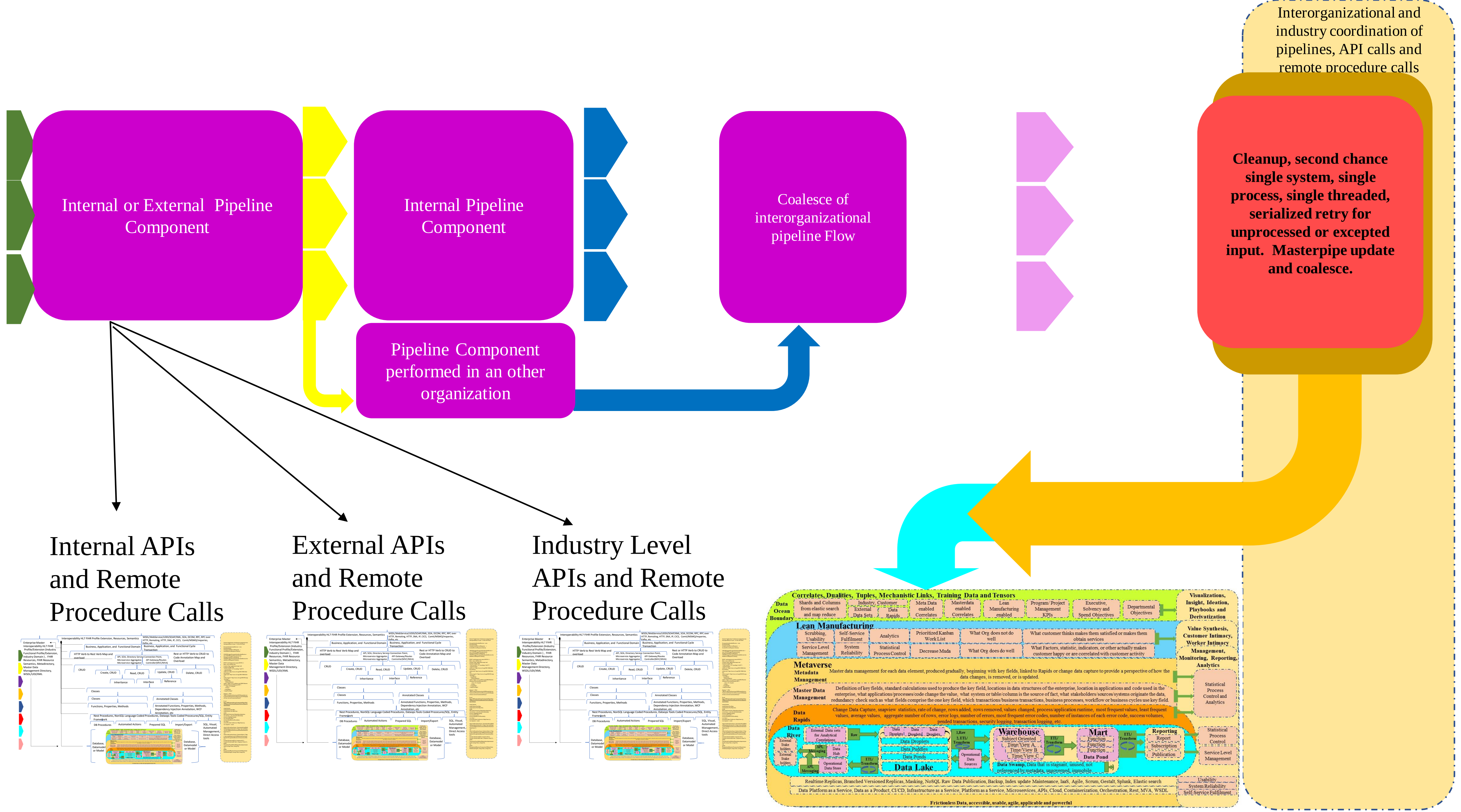
Coalesce asynchronous Multithreaded subpipeB into serially reliant subpipeA flow

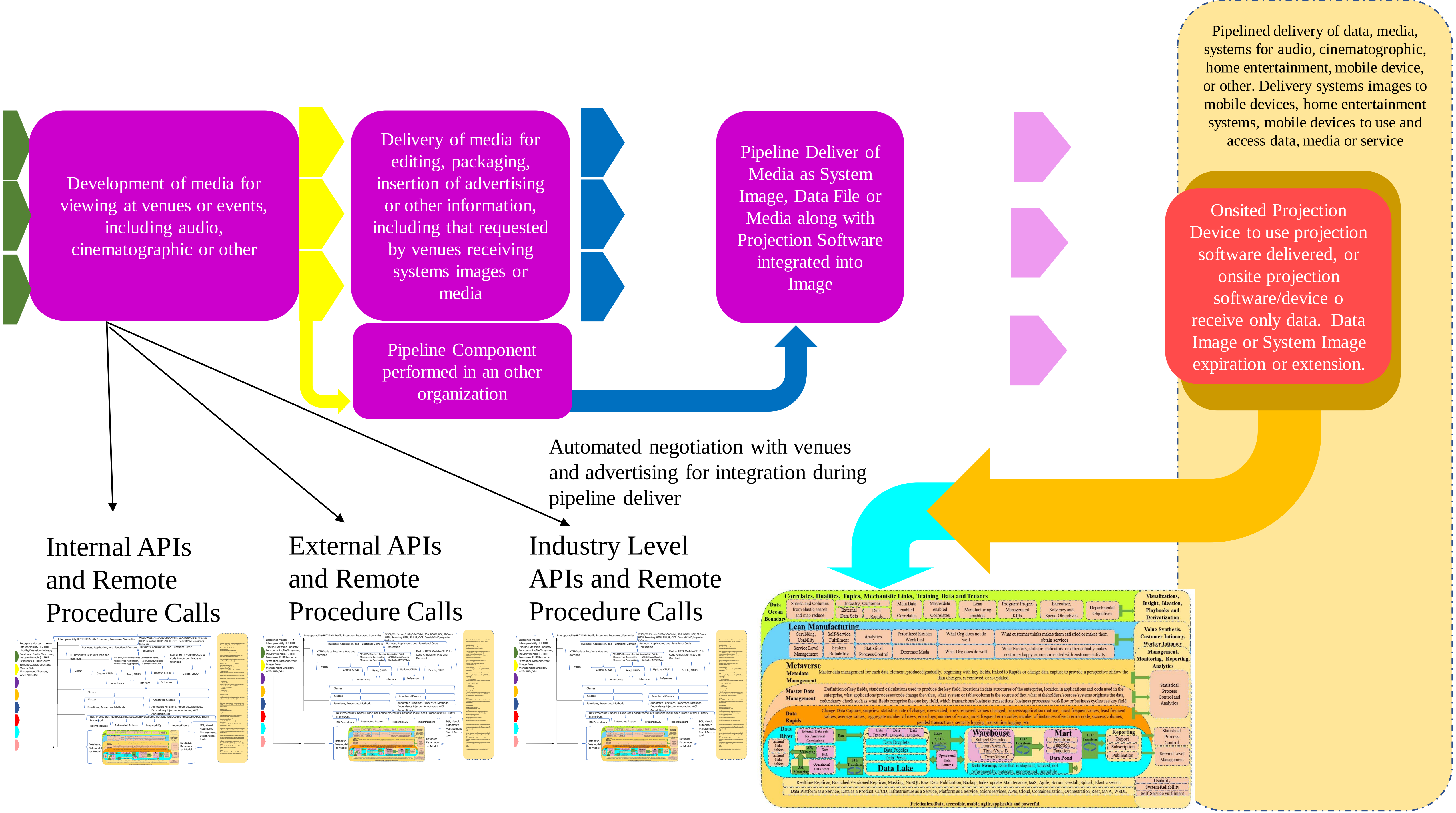
subpipe C

Cleanup, second chance single system, single process, single threaded, serialized retry for unprocessed or excepted input. Masterpipe update and coalesce.

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Metaverse
Metadata Management
Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.
Management, Monitoring, Reporting, Analytics
Master Data Management
Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.
Statistical Process Control and
Data Rapids
Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent val values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, pended transactions, security logging, transaction logging, etc.
Data River
External Stake holders
External Stake holders
External Data sets for Analytical Correlations
Raw
API, Messaging
Data Hub
API, Messaging
Operational Data Store
ETL/ Transform
Data Droplets
Data Droplets
Data Droplets
Data Droplets
Data Puddles
Data Ponds
Data Lake
1,Raw
2, ETL/ Transform
Operational Data Sources
Warehouse
Subject Oriented
Time/View A
Time/View B
Time/View C
ETL/ Transform
Mart
Function
Function
Function
Data Pond
ETL/ Transf
Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.
Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search
Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL
Usability
System Reliability
Self-Service Fulfilment
Frictionless Data, accessible, usable, agile, applicable and powerful

Deploy Agents, Monitors, event aggregation, and automated actions/rules/tensors for scale up/out, down/in, notification, resolution, etc





Development of media for viewing at venues or events, including audio, cinematographic or other

Delivery of media for editing, packaging, insertion of advertising or other information, including that requested by venues receiving systems images or media

Pipeline Component performed in an other organization

Pipeline Deliver of Media as System Image, Data File or Media along with Projection Software integrated into Image

Pipelined delivery of data, media, systems for audio, cinematographic, home entertainment, mobile device, or other. Delivery systems images to mobile devices, home entertainment systems, mobile devices to use and access data, media or service

Onsited Projection Device to use projection software delivered, or onsite projection software/device o receive only data. Data Image or System Image expiration or extension.

Automated negotiation with venues and advertising for integration during pipeline deliver

Internal APIs and Remote Procedure Calls

External APIs and Remote Procedure Calls

Industry Level APIs and Remote Procedure Calls

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Management, Monitoring, Reporting, Analytics
Metaverse
Metadata Management
Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.
Master Data Management
Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.
Data Rapids
Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.
Statistical Process Control and Analytics
Data River
External Data sets for Analytical Correlations
Raw
External Stake holders
External Stake holders
API, Messaging
Data Hub
API, Messaging
Operational Data Store
ETL/ Transform
Data Droplets
Data Droplets
Data Droplets
Data Droplets
Data Puddles
Data Ponds
Data Lake
1,Raw
2, ETL/ Transform
Operational Data Sources
Warehouse
Subject Oriented
Time/View A
Time/View B
Time/View C
ETL/ Transform
Mart
Function
Function
Function
Data Pond
ETL/ Transform
Reporting
Report
Subscription
Publication
Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.
Statistical Process Control
Service Level Management
Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search
Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL
Usability
System Reliability
Self-Service Fulfilment
Frictionless Data, accessible, usable, agile, applicable and powerful

Interoperability HL7 FHIR Profile Extension, Resources, Semantics

Enterprise Master Interoperability HL7 FHIR Profile/Extension (Industry Functional Profile/Extension, Industry Domain) , FHIR Resources, FHIR Resource Semantics, Metadirectory, Master Data Management Directory, WSDL/UDI/XML. FHIR handles serialization and deserialization to and from HL7, XML, JSON or the leading interoperability data formats including ANSI X12.

TranslationalMedicineandResearch	TranslationalMedicineandResearch extends any HL7 FHIR health Industry data exchange profile
TranslationalMedicineandResearchURI	Type = URI, value = “www.translationalmedicineandresearchService/API/”
TranslationalMedicineandResearchIndicatornumber	Type = string
TranslationalMedicineandResearchIndicatorCommonName	Type = string
TranslationalMedicineandResearchIndicatorICD9ICD10ICD11	Type = string
TranslationalMedicineandResearchIndicatorDSMNumber	Type = string
CAS Number	Type = string
TranslationalMedicineandResearchRelationahsipIndicator	Type = string, values A = causal and positively correlated, B = not determinable causality and positively correlated, C = causal and inversely correlated, D = not determinably causal and inversely correlated , e = of no known relationship
Response	String = iindicatornumber, commonname, Column1data, Column2data, Column3data
AccountandBilling	String = “RegisteredAccount, externalaccountverified, unregisteredofferpertransaction, transactionstatus, receiptorransactionnumber

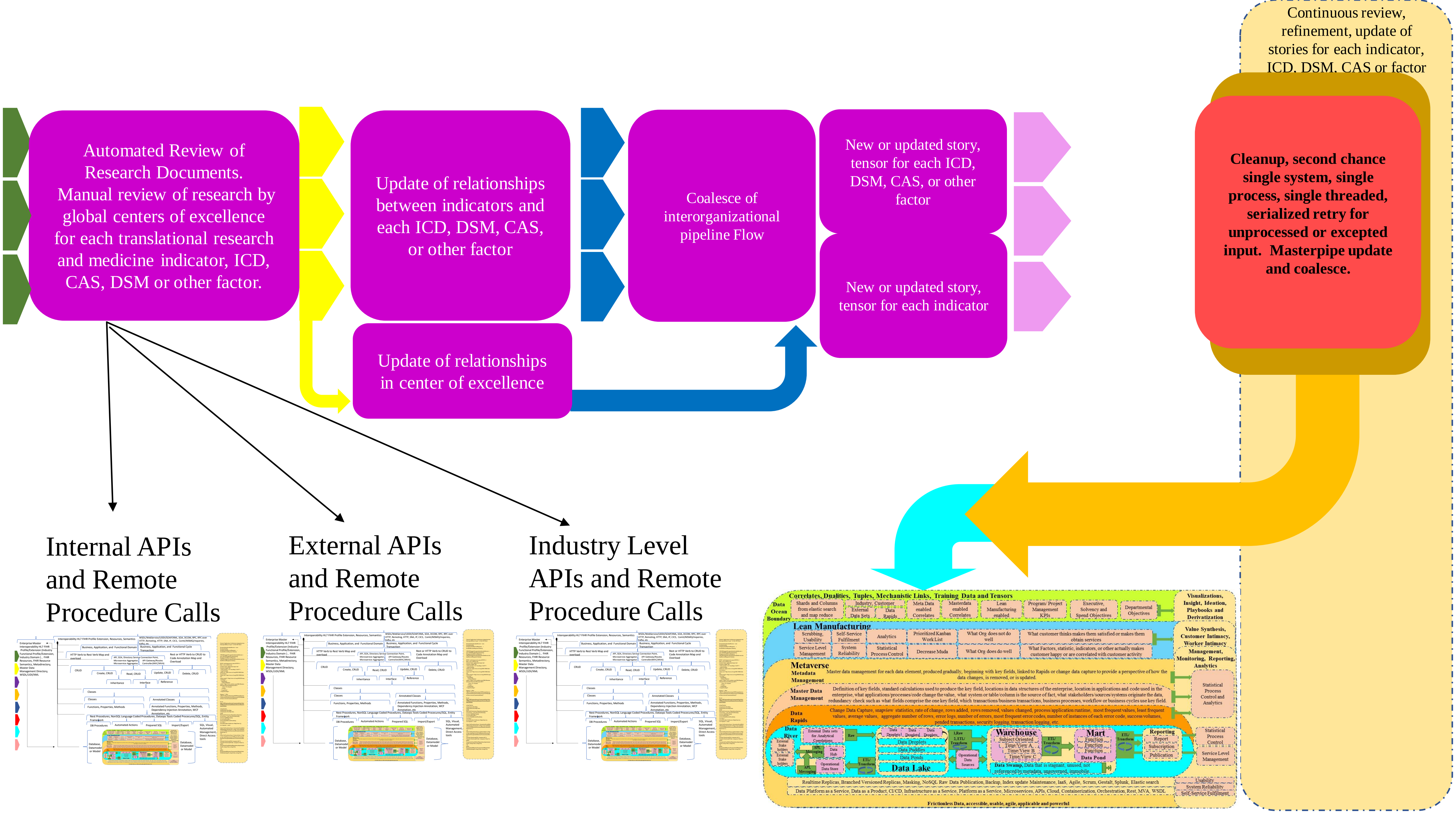
FHIR profiles for translationalmedicine and research dataaceess. Extends any health, wellness, research, claims, or other industry document to enable dynamic integration of translationalwellnessandresearchinformation

Interoperability HL7 FHIR Profile Extension, Resources, Semantics

Enterprise Master Interoperability HL7 FHIR Profile/Extension (Industry Functional Profile/Extension, Industry Domain) , FHIR Resources, FHIR Resource Semantics, Metadirectory, Master Data Management Directory, WSDL/UDI/XML. FHIR handles serialization and deserialization to and from HL7, XML, JSON or the leading interoperability data formats including ANSI X12.

TranslationalMedicineandResearchResearchArticleIndicative	TranslationalMedicineandResearch extends any HL7 FHIR health, Care or Research Industry data exchange profile
ResearchURIObjectIdentifier	Type = URI, value = “location or object Identifier location on the internet or network”
ResearchISSNorISBN	Type = string
ResearchAnnotation	Type = string as “Researchname as text with no special characters, Publication with no special characters, Volume Number, Issue or Other Number for Item, Page from Number, Page to Number, Chapter Number, Day, Month, Year of publication or presentation
ResearchIndicativeInformation	Type = string “presumption, ICD/DSM/CAS/Enzymenumber/ProteinNumber/Chemicalnumber/translationalmedicineandresearchnumber, transalionwellnessandresearchrelationshipIndicator, ICD/DSM/CAS/Enzymenumber/ProteinNumber/Chemicalnumber/translationalmedicineandresearchnumber, Experimentalconditions, group description, control group information, complicating or additionalinformation.”
ResearchNameSearch	Type = string
ICD/DSM/CAS/Enzymenumber/ProteinNumber/Chemicalnumber/translationalmedicineandresearchnumber Search	Type = string
ICD/DSM/CAS/Enzymenumber/ProteinNumber/Chemicalnumber/translationalmedicineandresearchnumber RelationshipSearch	Type = string “Item1, Item2” or “Item1, Item2, Item3, Item4, Item5, Item6, Item7, Item8, Item9, Item10”
ResearchIndicativeInformationsearch	Type = string “any element of the ResearchindicativeInformation element by position.”

FHIR profiles for Research articles and clinical studies, extends in any health industry, search, clinical study FHIR profile



Continuous review, refinement, update of stories for each indicator, ICD, DSM, CAS or factor

Automated Review of Research Documents. Manual review of research by global centers of excellence for each translational research and medicine indicator, ICD, CAS, DSM or other factor.

Update of relationships between indicators and each ICD, DSM, CAS, or other factor

Update of relationships in center of excellence

Coalesce of interorganizational pipeline Flow

New or updated story, tensor for each ICD, DSM, CAS, or other factor

New or updated story, tensor for each indicator

Cleanup, second chance single system, single process, single threaded, serialized retry for unprocessed or excepted input. Masterpipe update and coalesce.

Internal APIs and Remote Procedure Calls

External APIs and Remote Procedure Calls

Industry Level APIs and Remote Procedure Calls

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Data Ocean Boundary

Shards and Columns from elastic search and map reduce

Industry, Customer

External Data Sets

Data Rapids

Meta Data enabled Correlates

Masterdata enabled Correlates

Lean Manufacturing enabled

Program/ Project Management KPIs

Executive, Solvency and Spend Objectives

Departmental Objectives

Visualizations, Insight, Ideation, Playbooks and Derivatization

Lean Manufacturing

Scrubbing, Usability

Self-Service Fulfilment

Analytics

Prioritized Kanban Work List

What Org does not do well

What customer thinks makes them satisfied or makes them obtain services

Service Level Management

System Reliability

Statistical Process Control

Decrease Muda

What Org does do well

What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity

Value Synthesis, Customer Intimacy, Worker Intimacy

Metaverse

Metadata Management Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Master Data Management Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

Data Rapids Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

Management, Monitoring, Reporting, Analytics

Statistical Process Control and Analytics

Data River

External Stake holders

External Stake holders

External Data sets for Analytical Correlations

Raw

API, Messaging

Data Hub

API, Messaging

Operational Data Store

ETL/ Transform

Data Droplets

Data Droplets

Data Droplets

Data Droplets

Data Puddles

Data Ponds

Data Lake

1,Raw

2, ETL/ Transform

Operational Data Sources

Warehouse

Subject Oriented

Time/View A

Time/View B

Time/View C

ETL/ Transform

Mart

Function

Function

Function

Data Pond

ETL/ Transform

Reporting

Report

Subscription

Publication

Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Statistical Process Control

Service Level Management

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

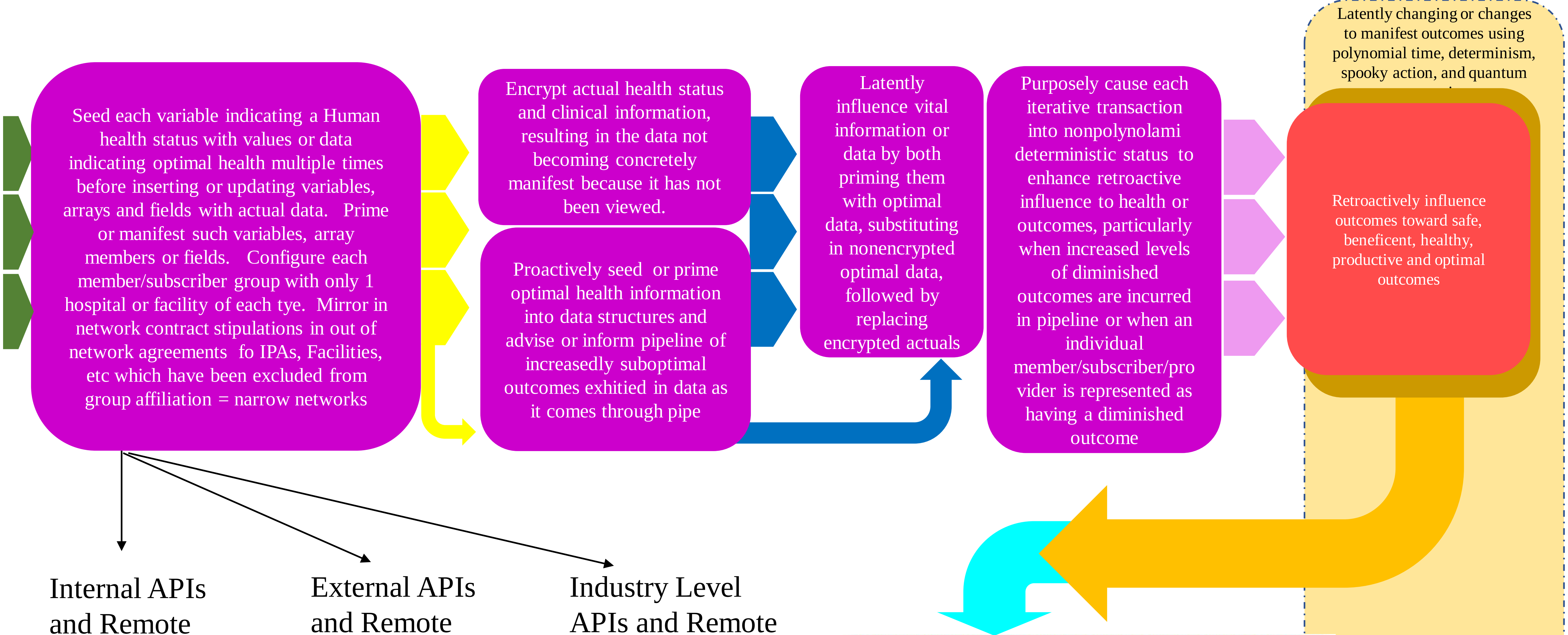
Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

Usability

System Reliability

Self-Service Fulfilment

Frictionless Data, accessible, usable, agile, applicable and powerful



Seed each variable indicating a Human health status with values or data indicating optimal health multiple times before inserting or updating variables, arrays and fields with actual data. Prime or manifest such variables, array members or fields. Configure each member/subscriber group with only 1 hospital or facility of each tye. Mirror in network contract stipulations in out of network agreements fo IPAs, Facilities, etc which have been excluded from group affiliation = narrow networks

Encrypt actual health status and clinical information, resulting in the data not becoming concretely manifest because it has not been viewed.

Proactively seed or prime optimal health information into data structures and advise or inform pipeline of increasedly suboptimal outcomes exhitied in data as it comes through pipe

Latently influence vital information or data by both priming them with optimal data, substituting in nonencrypted optimal data, followed by replacing encrypted actuals

Purposely cause each iterative transaction into nonpolynolami deterministic status to enhance retroactive influence to health or outcomes, particularly when increased levels of diminished outcomes are incurred in pipeline or when an individual member/subscriber/provider is represented as having a diminished outcome

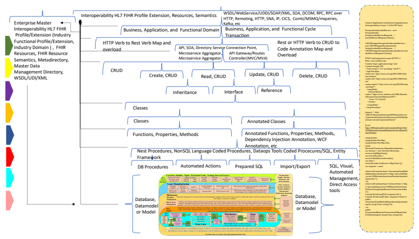
Latently changing or changes to manifest outcomes using polynomial time, determinism, spooky action, and quantum

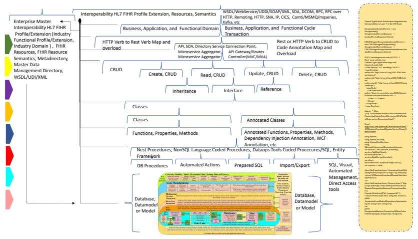
Retroactively influence outcomes toward safe, beneficent, healthy, productive and optimal outcomes

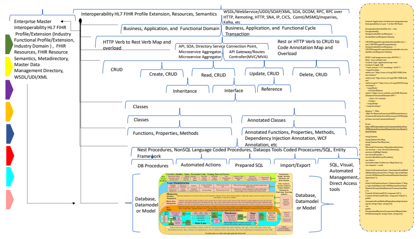
Internal APIs and Remote Procedure Calls

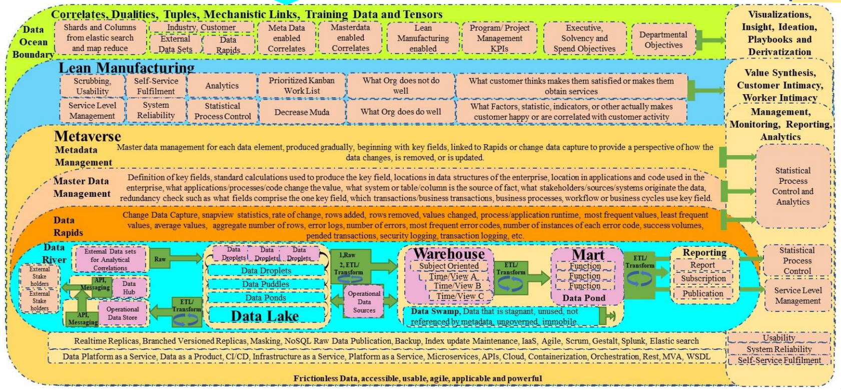
External APIs and Remote Procedure Calls

Industry Level APIs and Remote Procedure Calls








Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Metaverse
Management, Monitoring, Reporting, Analytics
Metadata Management

Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

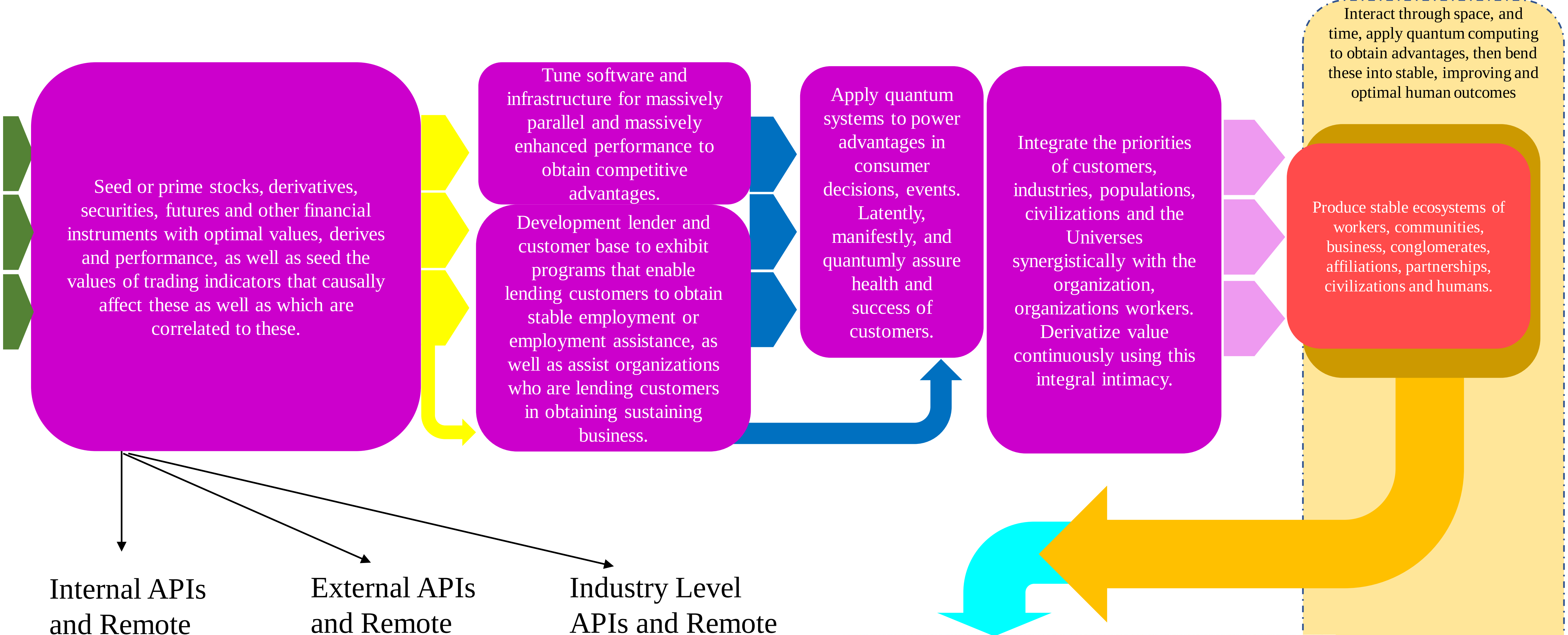
Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

Frictionless Data, accessible, usable, agile, applicable and powerful



Seed or prime stocks, derivatives, securities, futures and other financial instruments with optimal values, derives and performance, as well as seed the values of trading indicators that causally affect these as well as which are correlated to these.

Tune software and infrastructure for massively parallel and massively enhanced performance to obtain competitive advantages.

Development lender and customer base to exhibit programs that enable lending customers to obtain stable employment or employment assistance, as well as assist organizations who are lending customers in obtaining sustaining business.

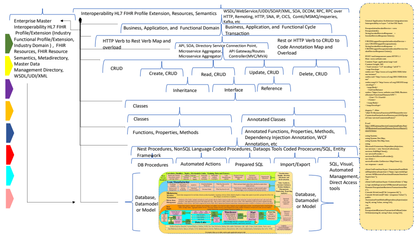
Apply quantum systems to power advantages in consumer decisions, events. Latently, manifestly, and quantumly assure health and success of customers.

Integrate the priorities of customers, industries, populations, civilizations and the Universes synergistically with the organization, organizations workers. Derivatize value continuously using this integral intimacy.

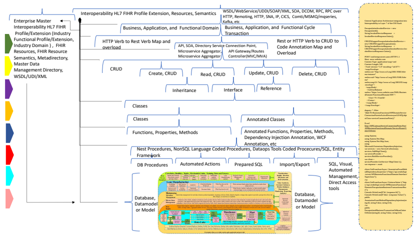
Produce stable ecosystems of workers, communities, business, conglomerates, affiliations, partnerships, civilizations and humans.

Interact through space, and time, apply quantum computing to obtain advantages, then bend these into stable, improving and optimal human outcomes

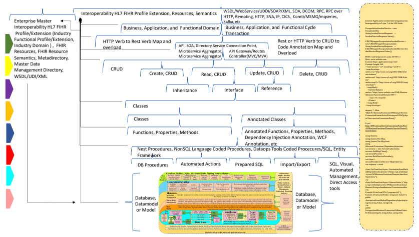
Internal APIs and Remote Procedure Calls

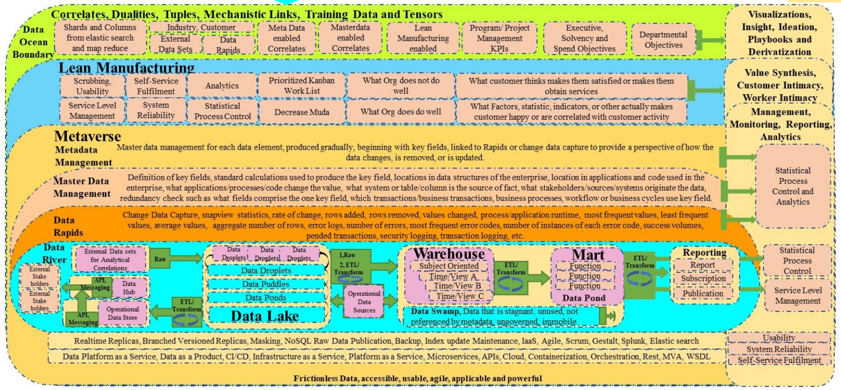


External APIs and Remote Procedure Calls



Industry Level APIs and Remote Procedure Calls




Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors
Data Ocean Boundary
Shards and Columns from elastic search and map reduce
Industry, Customer
External Data Sets
Data Rapids
Meta Data enabled Correlates
Masterdata enabled Correlates
Lean Manufacturing enabled
Program/ Project Management KPIs
Executive, Solvency and Spend Objectives
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing
Scrubbing, Usability
Self-Service Fulfilment
Analytics
Prioritized Kanban Work List
What Org does not do well
What customer thinks makes them satisfied or makes them obtain services
Service Level Management
System Reliability
Statistical Process Control
Decrease Muda
What Org does do well
What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity
Value Synthesis, Customer Intimacy, Worker Intimacy
Metaverse
Metadata Management
Management, Monitoring, Reporting, Analytics
Master Data Management
Statistical Process Control and Analytics
Data Rapids
Data River
External Data sets for Analytical Correlations
Raw
External Stake holders
External Stake holders
API, Messaging
Data Hub
API, Messaging
Operational Data Store
ETL/ Transform
Data Droplets
Data Droplets
Data Droplets
Data Droplets
Data Puddles
Data Ponds
Data Lake
1,Raw
2, ETL/ Transform
Operational Data Sources
Warehouse
Subject Oriented
Time/View A
Time/View B
Time/View C
ETL/ Transform
Mart
Function
Function
Function
Data Pond
ETL/ Transform
Reporting
Report
Subscription
Publication
Statistical Process Control
Service Level Management
Usability
System Reliability
Self-Service Fulfilment

Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

Frictionless Data, accessible, usable, agile, applicable and powerful

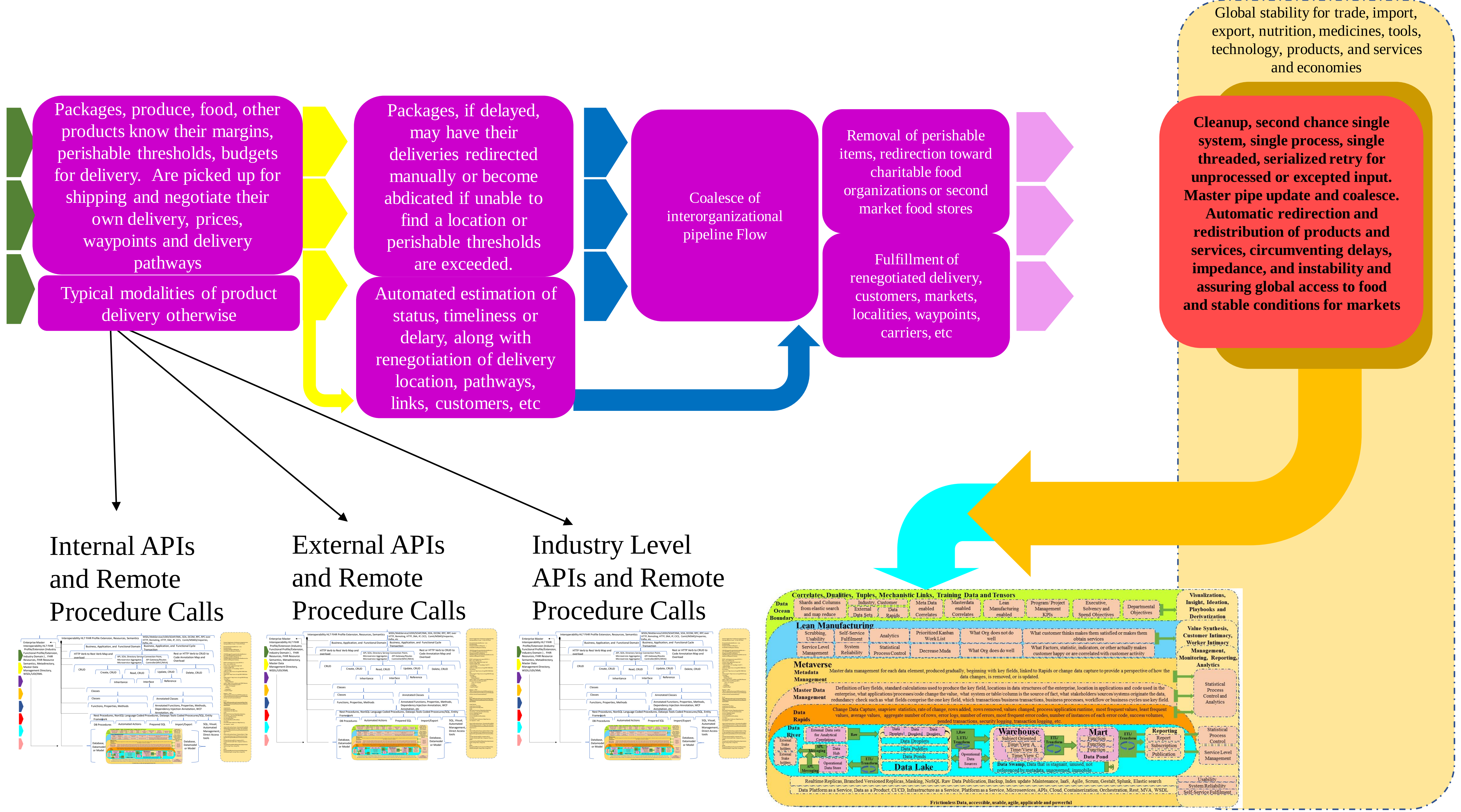
This slide begins the logistics focus loop and diverges succinctly from the main slide content

A. These rows or elements can extend any existing shipping, delivery or transfer modality FHIR Profile

FHIR, XML, JSON, PRETTY Document Number		CountryZipCodeEntityNameProductYearMonthDayOrdinalVarchar
EntityNameForProducer	A1	Organization1
EntityNameforPurchaser	A2	Purchaser1
OriginalDocumentNumberifAdjusted1	A3	
OriginalDocumentNumberifAdjusted2	A4	
OriginalDocumentNumberifAdjusted3	A5	
OriginalDocumentNumberifAdjusted4	A6	
ProducerisShipper	A7	1
PurchaserisShipper	A8	0
EntityPhone	A9	11111111111
EntityShippingOrginationAddress	A10	1 Orgination Way, Basel, Switzerland
EntityShippingDestinationAddress	A11	1 Orgination Way, Basel, Switzerland
ProductorServiceName	A12	MiddleLattitudeBananas
InternationalRegisteredSKU	A13	100_FRUIT_BANANAS_NONTROPICAL
Perishable?	A14	1
HarvestProductionDate	A15	5/10/2021
AverageDateUntilRipeorUsable	A16	10
CalculatedUsableDate	A17	5/20/2021
AverageDurationtoPerishableThreshold	A18	40
DaysBeyondPerishableThresholdUsable	A19	5
CalculatedPerishableThreshold	A20	6/19/2021
CalculatedUsabilityafterPerishableThreshold	A21	6/24/2021
SmallestShippablePackageSizeCubicMeters	A22	3
SmallestPurchasableLotSize	A23	20
SmallestPurchasableLotSizeCubicMeters	A24	60
TypicalLotSize	A25	40
TypicalLotSizeInCubicMeters	A26	120
IsthisCapacityUnfilled?	A27	0
IsthisCapacityPacked?	A28	1
IsthisCapacityPurchased?	A29	1
IsthisPurchaserRetail?	A30	0
WhatisRetailPurchaserReceiverRegistrationIndicator	A31	0
IsthisPurchaserWholesale?	A32	1
WhatisWholesalePurchaserReceiverRegistrationIndicator?	A33	UnitedStates90212NationalWholeSupplierCompanyOrganization0021321
RetailEstimateNationalUnadjustedPerCubicMeter	A34	$75

A. These rows or elements can extend any existing shipping, delivery or transfer modality FHIR Profile

WholesaleEstimateNationalUnadjustedPerCubicMeter	A35	$125
IsthisCapacityUnpurchased?	A36	0
TypicalPurchaseCostPerCubicMeter	A37	$75
LowestPurchasePriceDiscountPercentageforSalvage	A38	75%
InsurancePolicyPercentageAssurance(RequiredCargoShippingGeneralLiability)	A39	10%
RequireAssuredDisposalofProductService?	A40	0
ReturnProductServiceUnpurchased?	A41	0
AverageInsuranceCostsasPercetangeofCost	A42	5%
RequirePurchaserShareofInsuranceCosts?	A43	1
PercentageSharedInuranceCostswithPurchaser?	A44	25%
ResaleToLocalPurchaseratOriginationorWayPoints?	A45	0
DaysDelayatWayPointBeforeResaleOptionEnabled	A46	5%
DaysafterPackagingandPickupPrepBeforeResaleOptionEnabled	A47	10
Currentlocation	A48	Dover_UnitedKingdom_ShippingPort
CurrentLocation	A49	TransportContainer_1000_2021_2342552A
WaypointANegotiatedTransportShippingAgreementNumber1	A50	GlobalShippersLandTransportDivision_2021_1000_2345671A
AverageDurationofNegotiatedTransportSynapseindays1	A51	1
WaypointANegotiatedTransportShippingAgreementNumber2	A52	GlobalShippersSeaTransportDivision_2021_1000_567471A
AverageDurationofNegotiatedTransportSynapseindays2	A53	3
WaypointANegotiatedTransportShippingAgreementNumber3	A54	GlobalShippersLandTransportDivision_2021_1000_2345671A
AverageDurationofNegotiatedTransportSynapseindays3	A55	3
WaypointANegotiatedTransportShippingAgreementNumber4	A56	GlobalShippersLandTransportDivision_2021_1000_2345671A
AverageDurationofNegotiatedTransportSynapseindays4	A57	3
WaypointANegotiatedTransportShippingAgreementNumber5	A58	GlobalShippersLandTransportDivision_2021_1000_2345671A
AverageDurationofNegotiatedTransportSynapseindays5	A59	3
DaysatExistinglocation	A60	1
MaximumPriceforShippingfromOriginationtoDestination	A61	
MaximumPriceWaypoint1	A62	
MaximumPriceWaypoint2	A63	
MaximumPriceWaypoint3	A64	
MaximumPriceWaypoint4	A65	
MaximumPriceWaypoint5	A66	
FlagForLocalDiscountedDistributionAtWayPoint	A67	0



Packages, produce, food, other products know their margins, perishable thresholds, budgets for delivery. Are picked up for shipping and negotiate their own delivery, prices, waypoints and delivery pathways

Typical modalities of product delivery otherwise

Packages, if delayed, may have their deliveries redirected manually or become abdicated if unable to find a location or perishable thresholds are exceeded.

Automated estimation of status, timeliness or delary, along with renegotiation of delivery location, pathways, links, customers, etc

Coalesce of interorganizational pipeline Flow

Removal of perishable items, redirection toward charitable food organizations or second market food stores

Fulfillment of renegotiated delivery, customers, markets, localities, waypoints, carriers, etc

Global stability for trade, import, export, nutrition, medicines, tools, technology, products, and services and economies

Cleanup, second chance single system, single process, single threaded, serialized retry for unprocessed or excepted input. Master pipe update and coalesce. Automatic redirection and redistribution of products and services, circumventing delays, impedance, and instability and assuring global access to food and stable conditions for markets

Internal APIs and Remote Procedure Calls

External APIs and Remote Procedure Calls

Industry Level APIs and Remote Procedure Calls

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Data Ocean Boundary

Shards and Columns from elastic search and map reduce

Industry, Customer

External Data Sets

Data Rapids

Meta Data enabled Correlates

Masterdata enabled Correlates

Lean Manufacturing enabled

Program/ Project Management KPIs

Executive, Solvency and Spend Objectives

Departmental Objectives

Visualizations, Insight, Ideation, Playbooks and Derivatization

Lean Manufacturing

Scrubbing, Usability

Self-Service Fulfilment

Analytics

Prioritized Kanban Work List

What Org does not do well

What customer thinks makes them satisfied or makes them obtain services

Service Level Management

System Reliability

Statistical Process Control

Decrease Muda

What Org does do well

What Factors, statistic, indicators, or other actually makes customer happy or are correlated with customer activity

Value Synthesis, Customer Intimacy, Worker Intimacy

Management, Monitoring, Reporting, Analytics

Metaverse

Metadata Management Master data management for each data element, produced gradually, beginning with key fields, linked to Rapids or change data capture to provide a perspective of how the data changes, is removed, or is updated.

Master Data Management Definition of key fields, standard calculations used to produce the key field, locations in data structures of the enterprise, location in applications and code used in the enterprise, what applications/processes/code change the value, what system or table/column is the source of fact, what stakeholders/sources/systems originate the data, redundancy check such as what fields comprise the one key field, which transactions/business transactions, business processes, workflow or business cycles use key field.

Data Rapids Change Data Capture, snapview statistics, rate of change, rows added, rows removed, values changed, process/application runtime, most frequent values, least frequent values, average values, aggregate number of rows, error logs, number of errors, most frequent error codes, number of instances of each error code, success volumes, pended transactions, security logging, transaction logging, etc.

Statistical Process Control and Analytics

Data River

External Stake holders

External Stake holders

External Data sets for Analytical Correlations

Raw

API, Messaging

Data Hub

API, Messaging

Operational Data Store

ETL/ Transform

Data Droplets

Data Droplets

Data Droplets

Data Droplets

Data Puddles

Data Ponds

Data Lake

1,Raw 2, ETL/ Transform

Operational Data Sources

Warehouse

Subject Oriented

Time/View A

Time/View B

Time/View C

ETL/ Transform

Mart

Function

Function

Function

Data Pond

ETL/ Transform

Reporting

Report

Subscription

Publication

Data Swamp, Data that is stagnant, unused, not referenced by metadata, ungoverned, immobile.

Statistical Process Control

Service Level Management

Realtime Replicas, Branched Versioned Replicas, Masking, NoSQL Raw Data Publication, Backup, Index update Maintenance, IaaS, Agile, Scrum, Gestalt, Splunk, Elastic search

Data Platform as a Service, Data as a Product, CI/CD, Infrastructure as a Service, Platform as a Service, Microservices, APIs, Cloud, Containerization, Orchestration, Rest, MVA, WSDL

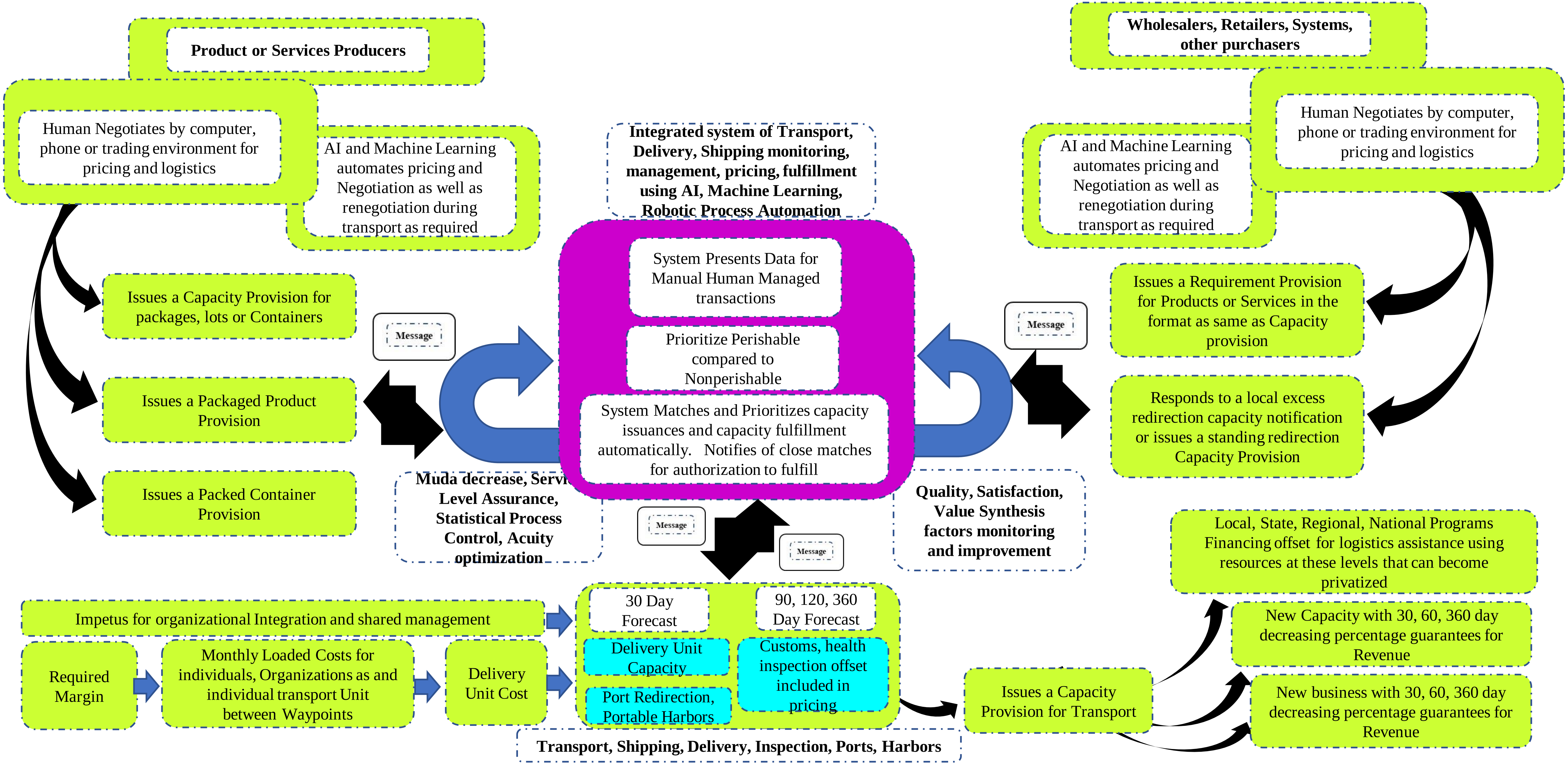
Usability

System Reliability

Self-Service Fulfilment

Frictionless Data, accessible, usable, agile, applicable and powerful

Integrated system of Transport, Delivery, Shipping monitoring, management, pricing, fulfillment using AI, Machine Learning, Robotic Process Automation



Product or Services Producers

Human Negotiates by computer, phone or trading environment for pricing and logistics

AI and Machine Learning automates pricing and Negotiation as well as renegotiation during transport as required

Issues a Capacity Provision for packages, lots or Containers

Issues a Packaged Product Provision

Issues a Packed Container Provision

Integrated system of Transport, Delivery, Shipping monitoring, management, pricing, fulfillment using AI, Machine Learning, Robotic Process Automation

System Presents Data for Manual Human Managed transactions

Prioritize Perishable compared to Nonperishable

System Matches and Prioritizes capacity issuances and capacity fulfillment automatically. Notifies of close matches for authorization to fulfill

Muda decrease, Servi Level Assurance, Statistical Process Control, Acuity optimization

Quality, Satisfaction, Value Synthesis factors monitoring and improvement

Wholesalers, Retailers, Systems, other purchasers

Human Negotiates by computer, phone or trading environment for pricing and logistics

AI and Machine Learning automates pricing and Negotiation as well as renegotiation during transport as required

Issues a Requirement Provision for Products or Services in the format as same as Capacity provision

Responds to a local excess redirection capacity notification or issues a standing redirection Capacity Provision

Impetus for organizational Integration and shared management

Required Margin

Monthly Loaded Costs for individuals, Organizations as and individual transport Unit between Waypoints

Delivery Unit Cost

30 Day Forecast

90, 120, 360 Day Forecast

Delivery Unit Capacity

Customs, health inspection offset included in pricing

Port Redirection, Portable Harbors

Transport, Shipping, Delivery, Inspection, Ports, Harbors

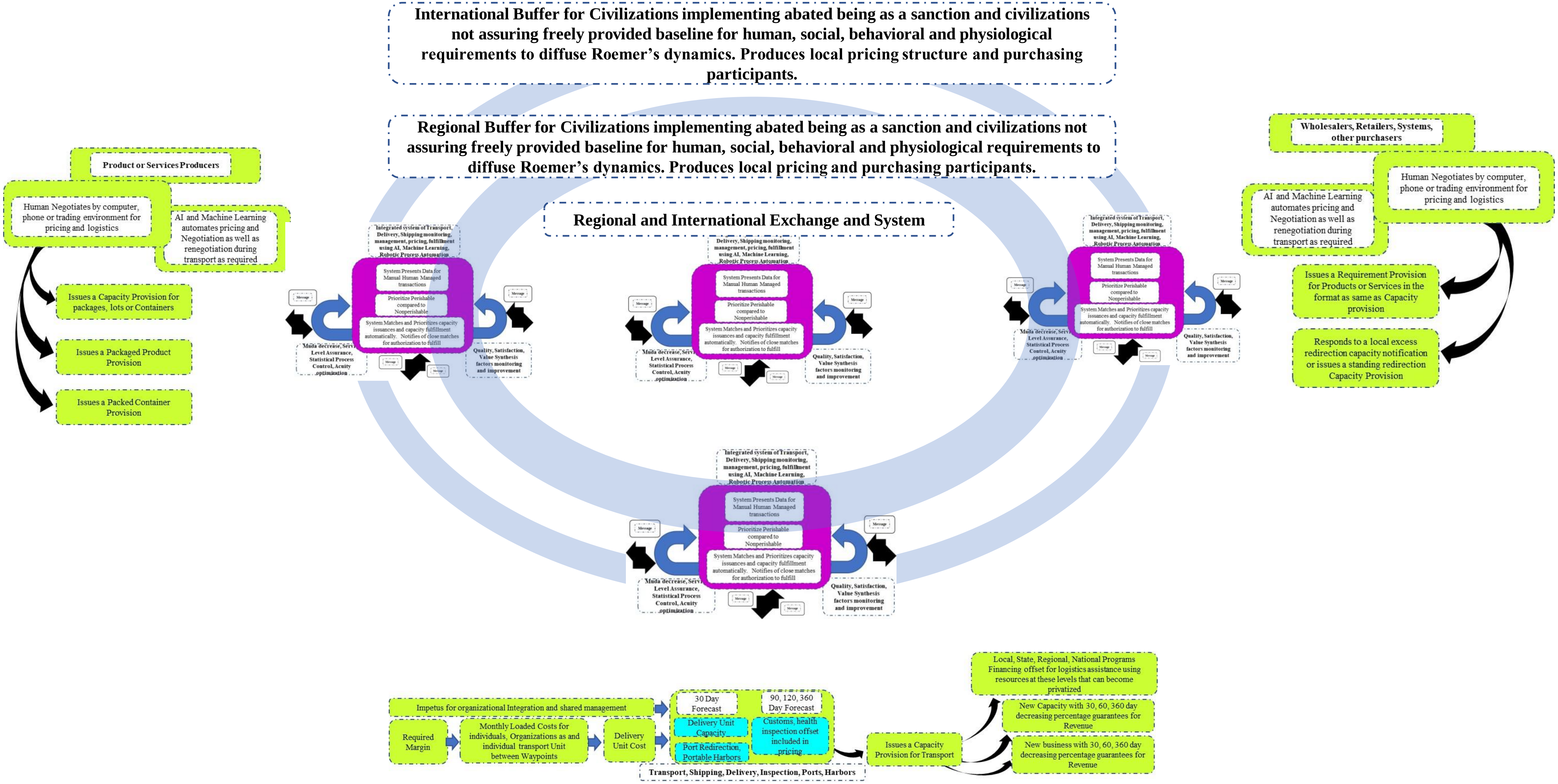
Issues a Capacity Provision for Transport

Local, State, Regional, National Programs Financing offset for logistics assistance using resources at these levels that can become privatized

New Capacity with 30, 60, 360 day decreasing percentage guarantees for Revenue

New business with 30, 60, 360 day decreasing percentage guarantees for Revenue

Buffering Zones in Hub and Spoke Model, Isolating and diffusing Roemer’s dynamics to prevent global influence to health and behavior



International Buffer for Civilizations implementing abated being as a sanction and civilizations not assuring freely provided baseline for human, social, behavioral and physiological requirements to diffuse Roemer’s dynamics. Produces local pricing structure and purchasing participants.

Regional Buffer for Civilizations implementing abated being as a sanction and civilizations not assuring freely provided baseline for human, social, behavioral and physiological requirements to diffuse Roemer’s dynamics. Produces local pricing and purchasing participants.

Regional and International Exchange and System

Product or Services Producers

Human Negotiates by computer, phone or trading environment for pricing and logistics

AI and Machine Learning automates pricing and Negotiation as well as renegotiation during transport as required

Issues a Capacity Provision for packages, lots or Containers

Issues a Packaged Product Provision

Issues a Packed Container Provision

Integrated system of Transport, Delivery, Shipping monitoring, management, pricing, fulfillment using AI, Machine Learning, Robotic Process Automation

System Presents Data for Manual Human Managed transactions

Prioritize Perishable compared to Nonperishable

System Matches and Prioritizes capacity issuances and capacity fulfillment automatically. Notifies of close matches for authorization to fulfill

Muda decrease, Servi Level Assurance, Statistical Process Control, Acuity optimization

Quality, Satisfaction, Value Synthesis factors monitoring and improvement

Delivery, Shipping monitoring, management, pricing, fulfillment using AI, Machine Learning, Robotic Process Automation

System Presents Data for Manual Human Managed transactions

Prioritize Perishable compared to Nonperishable

System Matches and Prioritizes capacity issuances and capacity fulfillment automatically. Notifies of close matches for authorization to fulfill

Muda decrease, Servi Level Assurance, Statistical Process Control, Acuity optimization

Quality, Satisfaction, Value Synthesis factors monitoring and improvement

Integrated system of Transport, Delivery, Shipping monitoring, management, pricing, fulfillment using AI, Machine Learning, Robotic Process Automation

System Presents Data for Manual Human Managed transactions

Prioritize Perishable compared to Nonperishable

System Matches and Prioritizes capacity issuances and capacity fulfillment automatically. Notifies of close matches for authorization to fulfill

Muda decrease, Servi Level Assurance, Statistical Process Control, Acuity optimization

Quality, Satisfaction, Value Synthesis factors monitoring and improvement

Wholesalers, Retailers, Systems, other purchasers

Human Negotiates by computer, phone or trading environment for pricing and logistics

AI and Machine Learning automates pricing and Negotiation as well as renegotiation during transport as required

Issues a Requirement Provision for Products or Services in the format as same as Capacity provision

Responds to a local excess redirection capacity notification or issues a standing redirection Capacity Provision

Integrated system of Transport, Delivery, Shipping monitoring, management, pricing, fulfillment using AI, Machine Learning, Robotic Process Automation

System Presents Data for Manual Human Managed transactions

Prioritize Perishable compared to Nonperishable

System Matches and Prioritizes capacity issuances and capacity fulfillment automatically. Notifies of close matches for authorization to fulfill

Muda decrease, Servi Level Assurance, Statistical Process Control, Acuity optimization

Quality, Satisfaction, Value Synthesis factors monitoring and improvement

Impetus for organizational Integration and shared management

Required Margin

Monthly Loaded Costs for individuals, Organizations as and individual transport Unit between Waypoints

Delivery Unit Cost

30 Day Forecast

90, 120, 360 Day Forecast

Delivery Unit Capacity

Customs, health inspection offset included in pricing

Port Redirection, Portable Harbors

Transport, Shipping, Delivery, Inspection, Ports, Harbors

Issues a Capacity Provision for Transport

Local, State, Regional, National Programs Financing offset for logistics assistance using resources at these levels that can become privatized

New Capacity with 30, 60, 360 day decreasing percentage guarantees for Revenue

New business with 30, 60, 360 day decreasing percentage guarantees for Revenue

Objective for Monitoring, Management and Continuous Improvement

Optimize Delivery Duration

Optimize Resource Utilization

Optimize Environmental effect and sustainability

Stabilize and assure worker health and valences

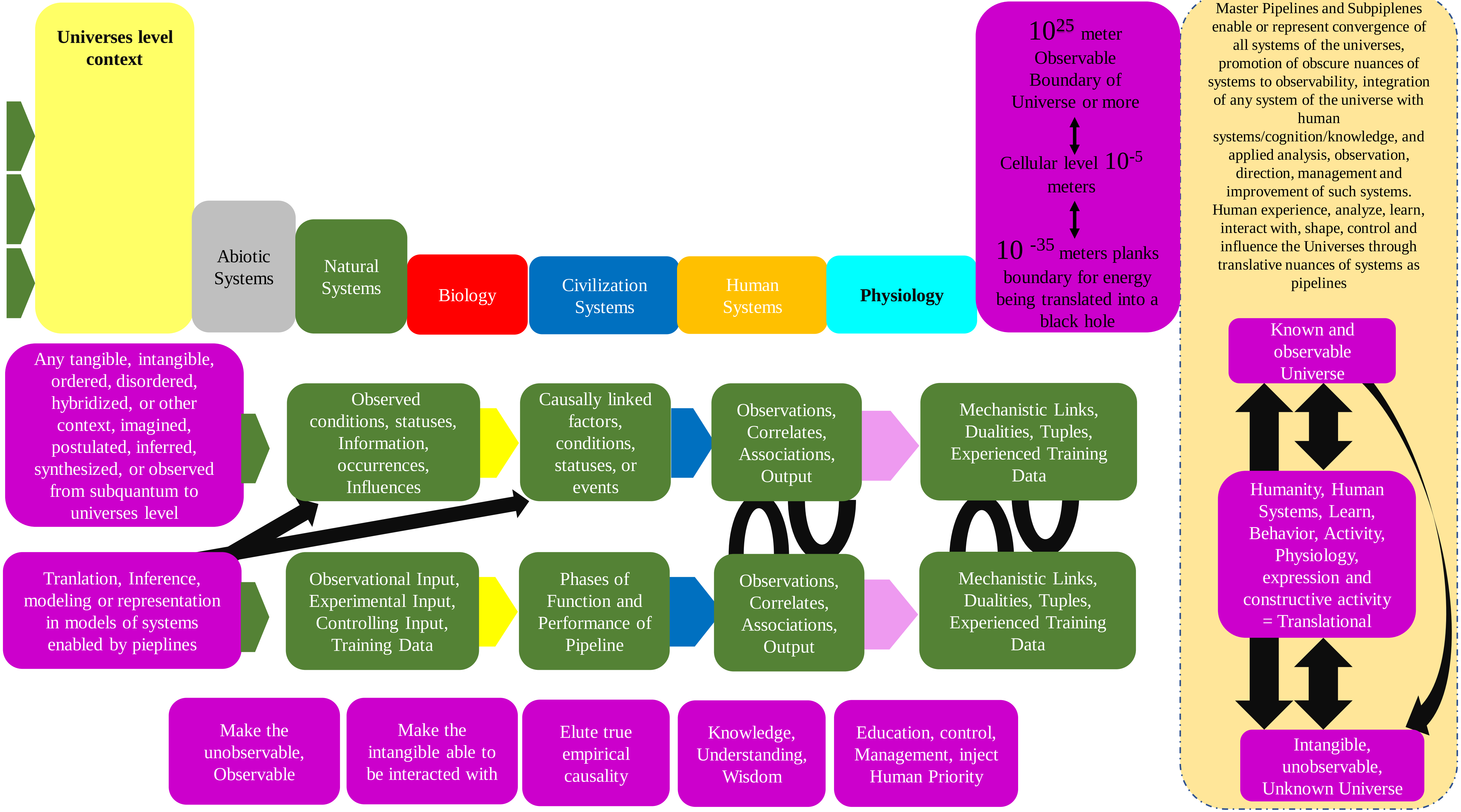
Use robotics when possible with people as supervisor, trainers, managers and intervention resources

Stabilize, monitor and enhance supply pathways for products and services

Improve and assure quality of products, services, foods, nutrition and other factors

Isolation, Filtering and Diffusion of Roemer’s Dynamics

This slide concludes the logistics focus loop and continues into the main slide content



Universes level context

Abiotic Systems

Natural Systems

Biology

Civilization Systems

Human Systems

Physiology

10^{25} meter Observable Boundary of Universe or more

Cellular level 10^{-5} meters

10^{-35} meters planks boundary for energy being translated into a black hole

Master Pipelines and Subpiplenes enable or represent convergence of all systems of the universes, promotion of obscure nuances of systems to observability, integration of any system of the universe with human systems/cognition/knowledge, and applied analysis, observation, direction, management and improvement of such systems. Human experience, analyze, learn, interact with, shape, control and influence the Universes through translative nuances of systems as pipelines

Known and observable Universe

Humanity, Human Systems, Learn, Behavior, Activity, Physiology, expression and constructive activity = Translational

Intangible, unobservable, Unknown Universe

Any tangible, intangible, ordered, disordered, hybridized, or other context, imagined, postulated, inferred, synthesized, or observed from subquantum to universes level

Observed conditions, statuses, Information, occurrences, Influences

Causally linked factors, conditions, statuses, or events

Observations, Correlates, Associations, Output

Mechanistic Links, Dualities, Tuples, Experienced Training Data

Tranlation, Inference, modeling or representation in models of systems enabled by pieplines

Observational Input, Experimental Input, Controlling Input, Training Data

Phases of Function and Performance of Pipeline

Observations, Correlates, Associations, Output

Mechanistic Links, Dualities, Tuples, Experienced Training Data

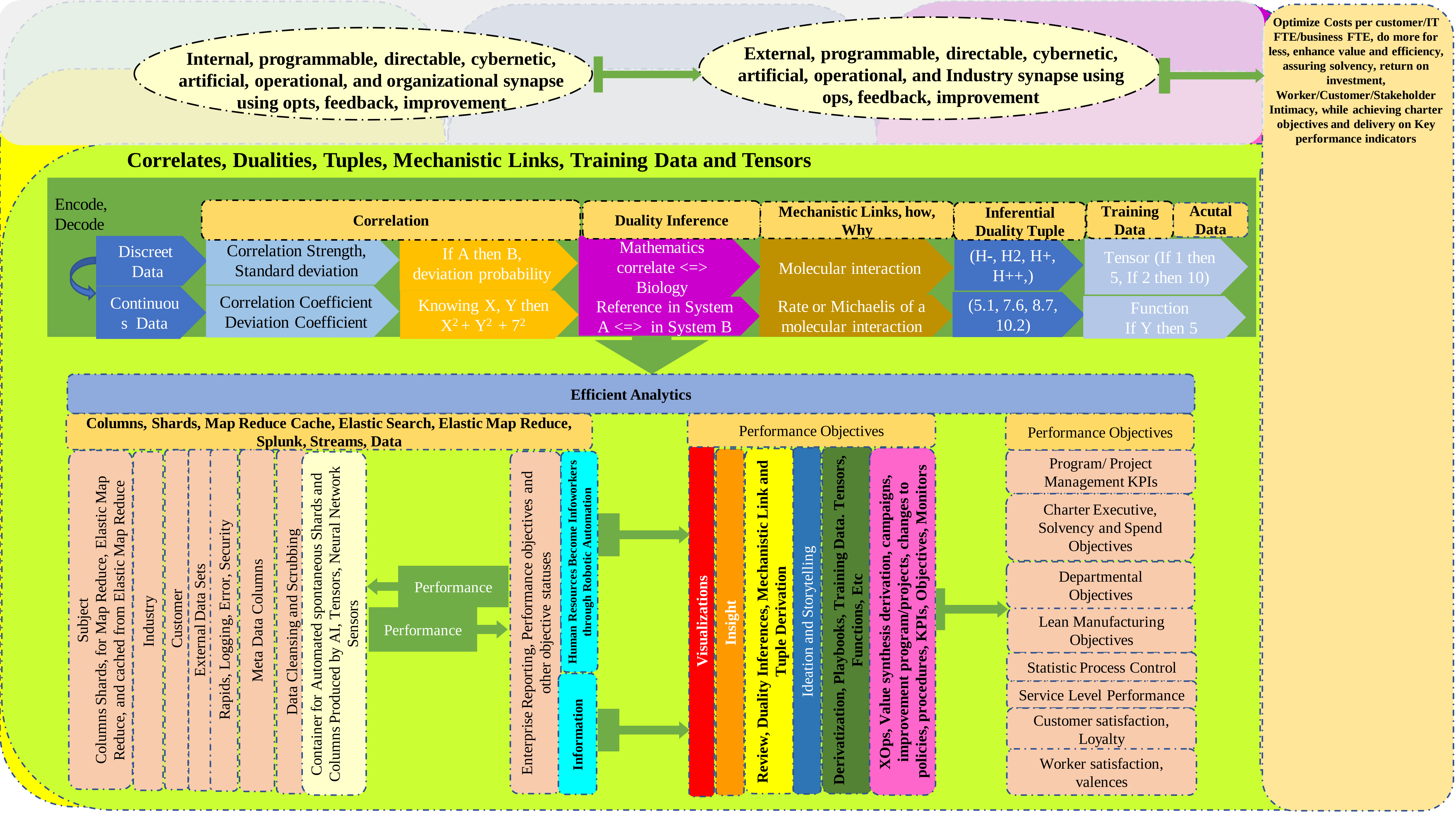
Make the unobservable, Observable

Make the intangible able to be interacted with

Elute true empirical causality

Knowledge, Understanding, Wisdom

Education, control, Management, inject Human Priority



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Encode, Decode

	Correlation		Duality Inference	Mechanistic Links, how, Why	Inferential Duality Tuple	Training Data	Acutal Data
Discreet Data	Correlation Strength, Standard deviation	If A then B, deviation probability	Mathematics correlate <=> Biology	Molecular interaction	(H-, H2, H+, H++,)	Tensor (If 1 then 5, If 2 then 10)	
Continuous Data	Correlation Coefficient Deviation Coefficient	Knowing X, Y then $X^2 + Y^2 + 7^2$	Reference in System A <=> in System B	Rate or Michaelis of a molecular interaction	(5.1, 7.6, 8.7, 10.2)	Function If Y then 5	

Efficient Analytics

Columns, Shards, Map Reduce Cache, Elastic Search, Elastic Map Reduce, Splunk, Streams, Data

Subject
Columns Shards, for Map Reduce, Elastic Map Reduce, and cached from Elastic Map Reduce

Industry

Customer

External Data Sets

Rapids, Logging, Error, Security

Meta Data Columns

Data Cleansing and Scrubbing

Container for Automated spontaneous Shards and Columns Produced by AI, Tensors, Neural Network Sensors

Performance

Performance

Enterprise Reporting, Performance objectives and other objective statuses

Human Resources Become Infoworkers through Robotic Automation

Information

Performance Objectives

Visualizations

Insight

Review, Duality Inferences, Mechanistic Link and Tuple Derivation

Ideation and Storytelling

Derivatization, Playbooks, Training Data. Tensors, Functions, Etc

XOps, Value synthesis derivation, campaigns, improvement program/projects, changes to policies, procedures, KPIs, Objectives, Monitors

Performance Objectives

Program/ Project Management KPIs

Charter Executive, Solvency and Spend Objectives

Departmental Objectives

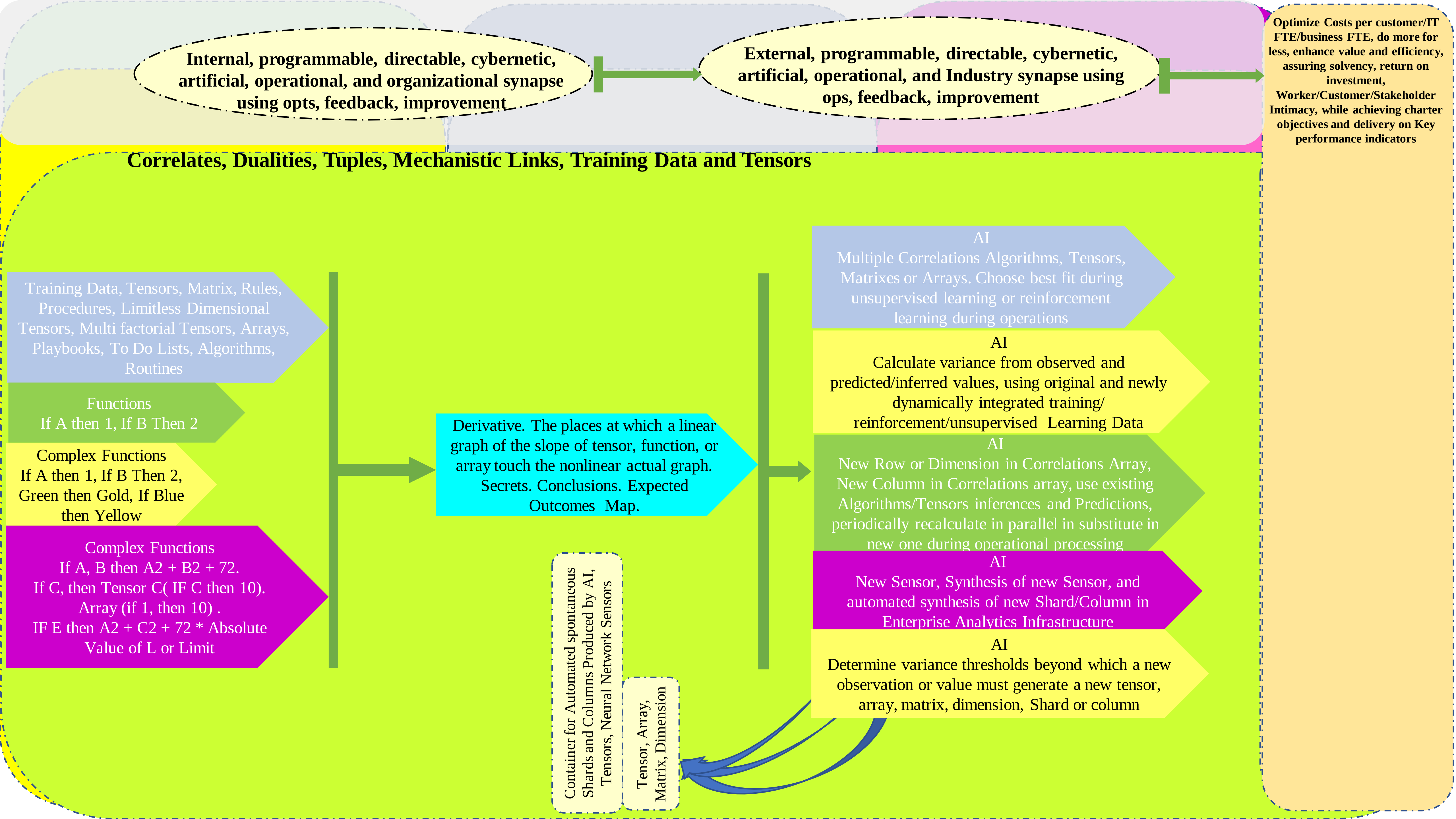
Lean Manufacturing Objectives

Statistic Process Control

Service Level Performance

Customer satisfaction, Loyalty

Worker satisfaction, valences



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Correlates, Dualities, Tuples, Mechanistic Links, Training Data and Tensors

Training Data, Tensors, Matrix, Rules, Procedures, Limitless Dimensional Tensors, Multi factorial Tensors, Arrays, Playbooks, To Do Lists, Algorithms, Routines

Functions
If A then 1, If B Then 2

Complex Functions
If A then 1, If B Then 2, Green then Gold, If Blue then Yellow

Complex Functions
If A, B then A2 + B2 + 72.
If C, then Tensor C(IF C then 10).
Array (if 1, then 10) .
IF E then A2 + C2 + 72 * Absolute Value of L or Limit

Derivative. The places at which a linear graph of the slope of tensor, function, or array touch the nonlinear actual graph. Secrets. Conclusions. Expected Outcomes Map.

AI
Multiple Correlations Algorithms, Tensors, Matrixes or Arrays. Choose best fit during unsupervised learning or reinforcement learning during operations

AI
Calculate variance from observed and predicted/inferred values, using original and newly dynamically integrated training/ reinforcement/unsupervised Learning Data

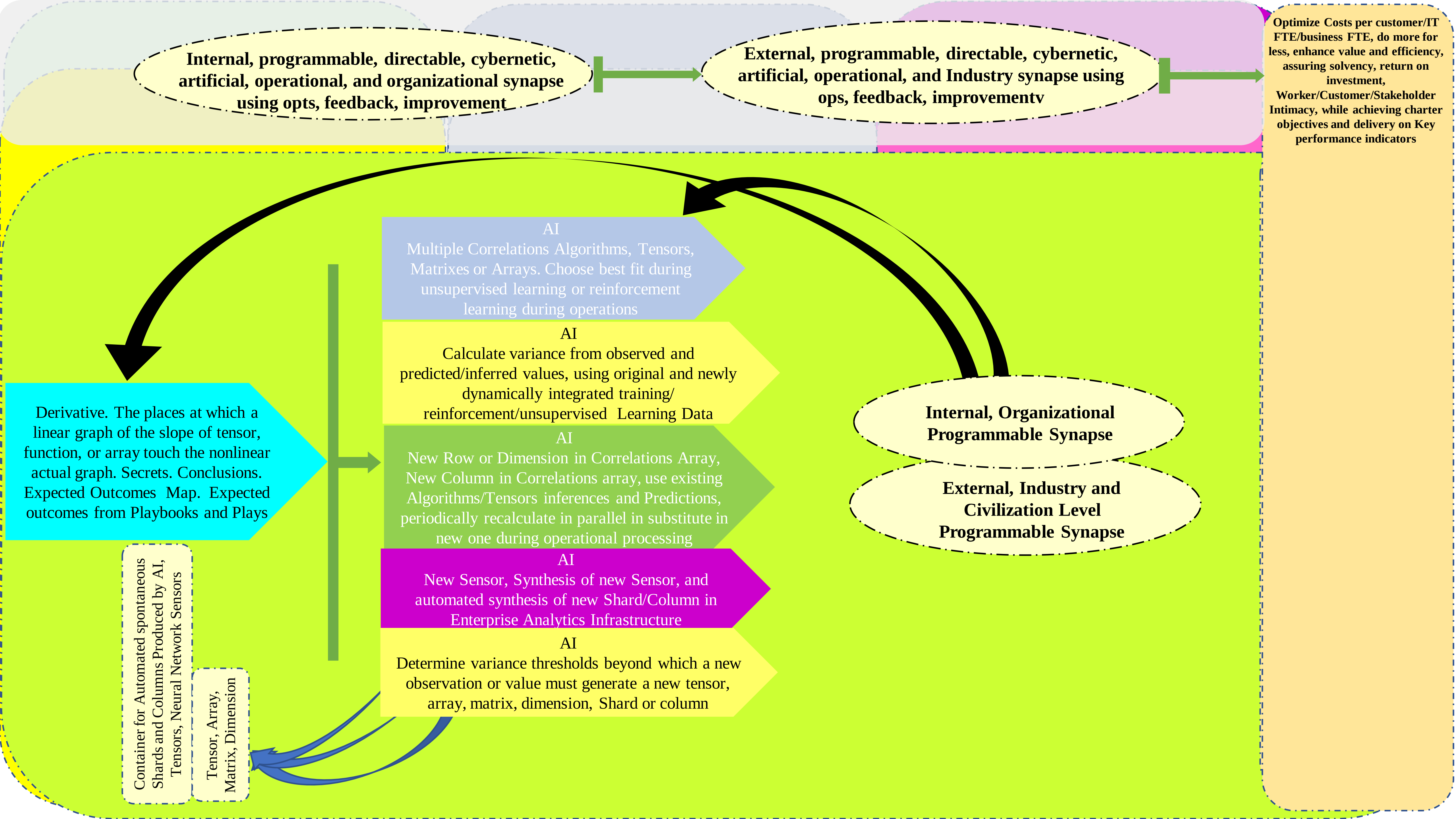
AI
New Row or Dimension in Correlations Array, New Column in Correlations array, use existing Algorithms/Tensors inferences and Predictions, periodically recalculate in parallel in substitute in new one during operational processing

AI
New Sensor, Synthesis of new Sensor, and automated synthesis of new Shard/Column in Enterprise Analytics Infrastructure

AI
Determine variance thresholds beyond which a new observation or value must generate a new tensor, array, matrix, dimension, Shard or column

Container for Automated spontaneous Shards and Columns Produced by AI, Tensors, Neural Network Sensors

Tensor, Array, Matrix, Dimension



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvementv

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

AI
Multiple Correlations Algorithms, Tensors, Matrixes or Arrays. Choose best fit during unsupervised learning or reinforcement learning during operations

AI
Calculate variance from observed and predicted/inferred values, using original and newly dynamically integrated training/ reinforcement/unsupervised Learning Data

AI
New Row or Dimension in Correlations Array, New Column in Correlations array, use existing Algorithms/Tensors inferences and Predictions, periodically recalculate in parallel in substitute in new one during operational processing

AI
New Sensor, Synthesis of new Sensor, and automated synthesis of new Shard/Column in Enterprise Analytics Infrastructure

AI
Determine variance thresholds beyond which a new observation or value must generate a new tensor, array, matrix, dimension, Shard or column

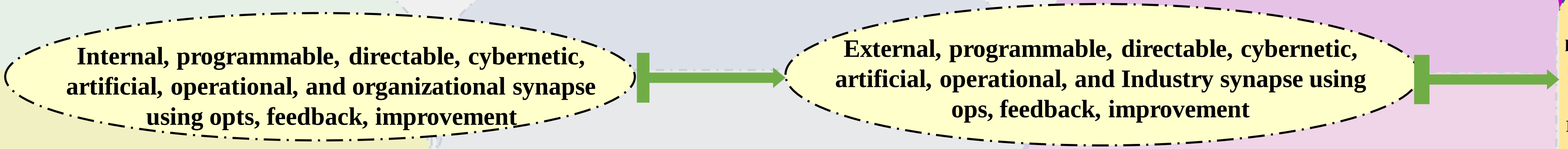
Derivative. The places at which a linear graph of the slope of tensor, function, or array touch the nonlinear actual graph. Secrets. Conclusions. Expected Outcomes Map. Expected outcomes from Playbooks and Plays

Internal, Organizational Programmable Synapse

External, Industry and Civilization Level Programmable Synapse

Container for Automated spontaneous Shards and Columns Produced by AI, Tensors, Neural Network Sensors

Tensor, Array, Matrix, Dimension



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Derivative. The places at which a linear graph of the slope of tensor, function, or array touch the nonlinear actual graph. Secrets. Conclusions. Expected Outcomes Map. Expected outcomes from Playbooks and Plays

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Proofs

Monitors. Key Performance Indicators. Expected outcomes. Projected Graphs.

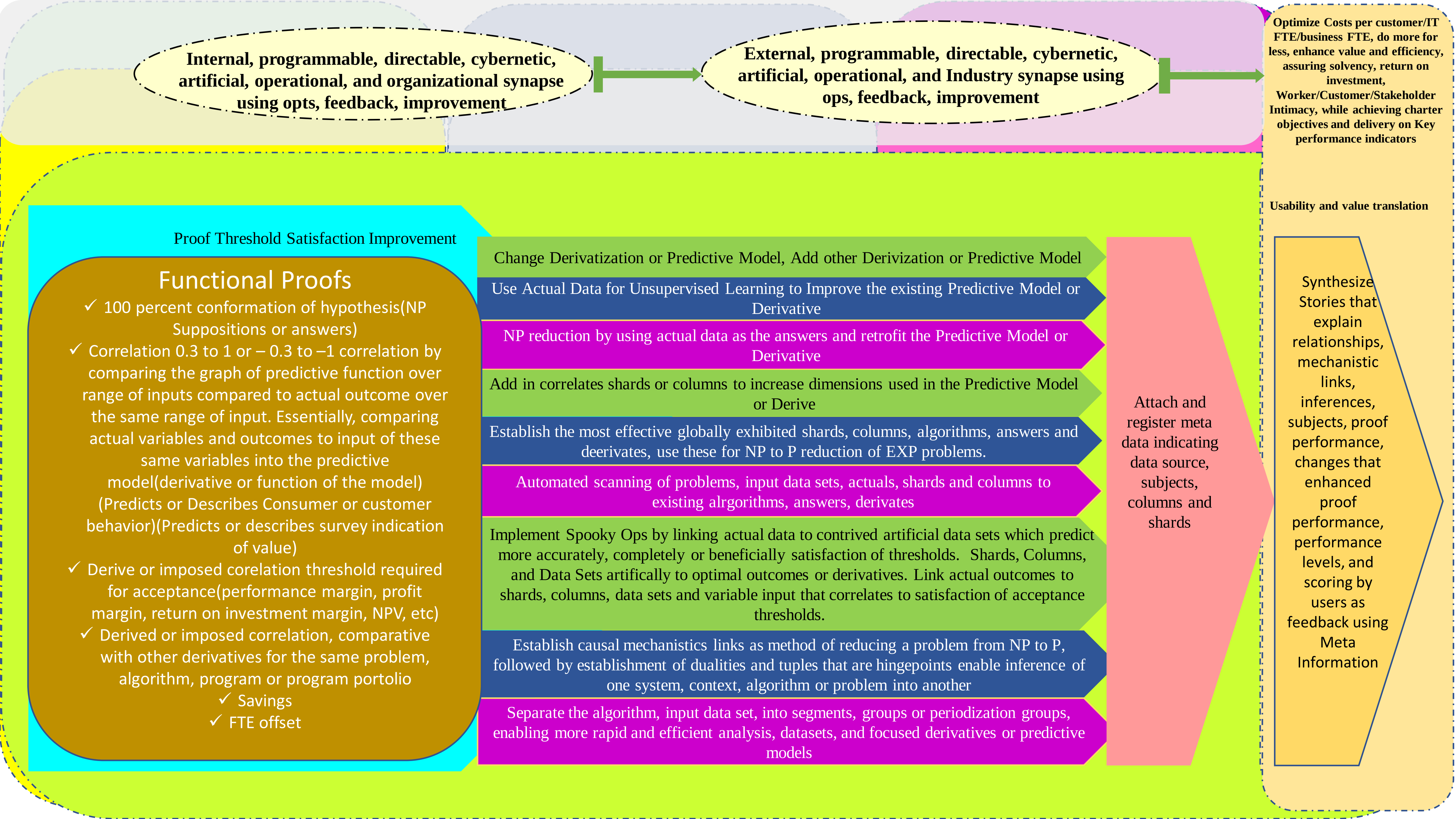
Training Data Run. Algorithm implementation. Statistics. Performance. Graphs.

Percentage correlation with expected.
Qualitative threshold satisfaction.

Quantuative to Qualitative and Qualitative to Quantitative translation of regulations, thresholds, and compliancy indicators

Functional Proofs

- ✓ 100 percent conformation of hypothesis(NP Suppositions or answers)
- ✓ Correlation 0.3 to 1 or – 0.3 to –1 correlation by comparing the graph of predictive function over range of inputs compared to actual outcome over the same range of input. Essentially, comparing actual variables and outcomes to input of these same variables into the prodective model(derivative or function of the model)(Predicts or Describes Consumer or customer behavior)(Predicts or describes survey indication of value)
- ✓ Derive or imposed corelation threshold required for acceptance(performance margin, profit margin, return on investment margin, NPV, etc)
- ✓ Derived or imposed correlation, comparative with other derivatives for the same problem, algorithm, program or program portolio
- ✓ Savings
- ✓ FTE offset
- ✓ Regulatory Compliance Threshold Satisfaction



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Usability and value translation

Proof Threshold Satisfaction Improvement

Functional Proofs

- ✓ 100 percent conformation of hypothesis(NP Suppositions or answers)
- ✓ Correlation 0.3 to 1 or – 0.3 to –1 correlation by comparing the graph of predictive function over range of inputs compared to actual outcome over the same range of input. Essentially, comparing actual variables and outcomes to input of these same variables into the predictive model(derivative or function of the model) (Predicts or Describes Consumer or customer behavior)(Predicts or describes survey indication of value)
- ✓ Derive or imposed corelation threshold required for acceptance(performance margin, profit margin, return on investment margin, NPV, etc)
- ✓ Derived or imposed correlation, comparative with other derivatives for the same problem, algorithm, program or program portolio
- ✓ Savings
- ✓ FTE offset

Change Derivatization or Predictive Model, Add other Derivization or Predictive Model

Use Actual Data for Unsupervised Learning to Improve the existing Predictive Model or Derivative

NP reduction by using actual data as the answers and retrofit the Predictive Model or Derivative

Add in correlates shards or columns to increase dimensions used in the Predictive Model or Derive

Establish the most effective globally exhibited shards, columns, algorithms, answers and deerivates, use these for NP to P reduction of EXP problems.

Automated scanning of problems, input data sets, actuals, shards and columns to existing alrgorithms, answers, derivates

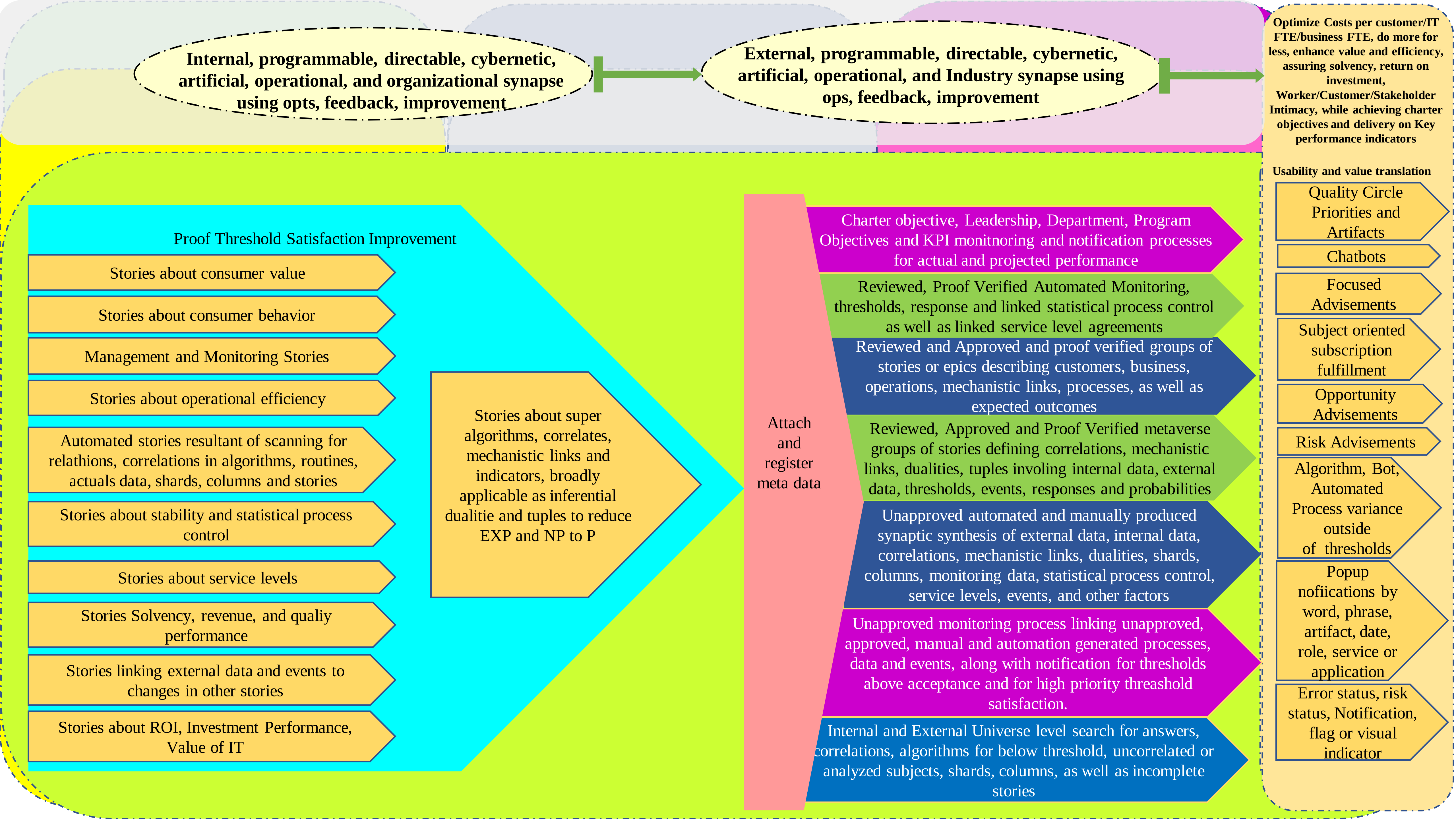
Implement Spooky Ops by linking actual data to contrived artificial data sets which predict more accurately, completely or beneficially satisfaction of thresholds. Shards, Columns, and Data Sets artifically to optimal outcomes or derivatives. Link actual outcomes to shards, columns, data sets and variable input that correlates to satisfaction of acceptance thresholds.

Establish causal mechanistics links as method of reducing a problem from NP to P, followed by establishment of dualities and tuples that are hingepoints enable inference of one system, context, algorithm or problem into another

Separate the algorithm, input data set, into segments, groups or periodization groups, enabling more rapid and efficient analysis, datasets, and focused derivatives or predictive models

Attach and register meta data indicating data source, subjects, columns and shards

Synthesize Stories that explain relationships, mechanistic links, inferences, subjects, proof performance, changes that enhanced proof performance, performance levels, and scoring by users as feedback using Meta Information



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Proof Threshold Satisfaction Improvement

- Stories about consumer value
- Stories about consumer behavior
- Management and Monitoring Stories
- Stories about operational efficiency
- Automated stories resultant of scanning for relathions, correlations in algorithms, routines, actuals data, shards, columns and stories
- Stories about stability and statistical process control
- Stories about service levels
- Stories Solvency, revenue, and qualiy performance
- Stories linking external data and events to changes in other stories
- Stories about ROI, Investment Performance, Value of IT

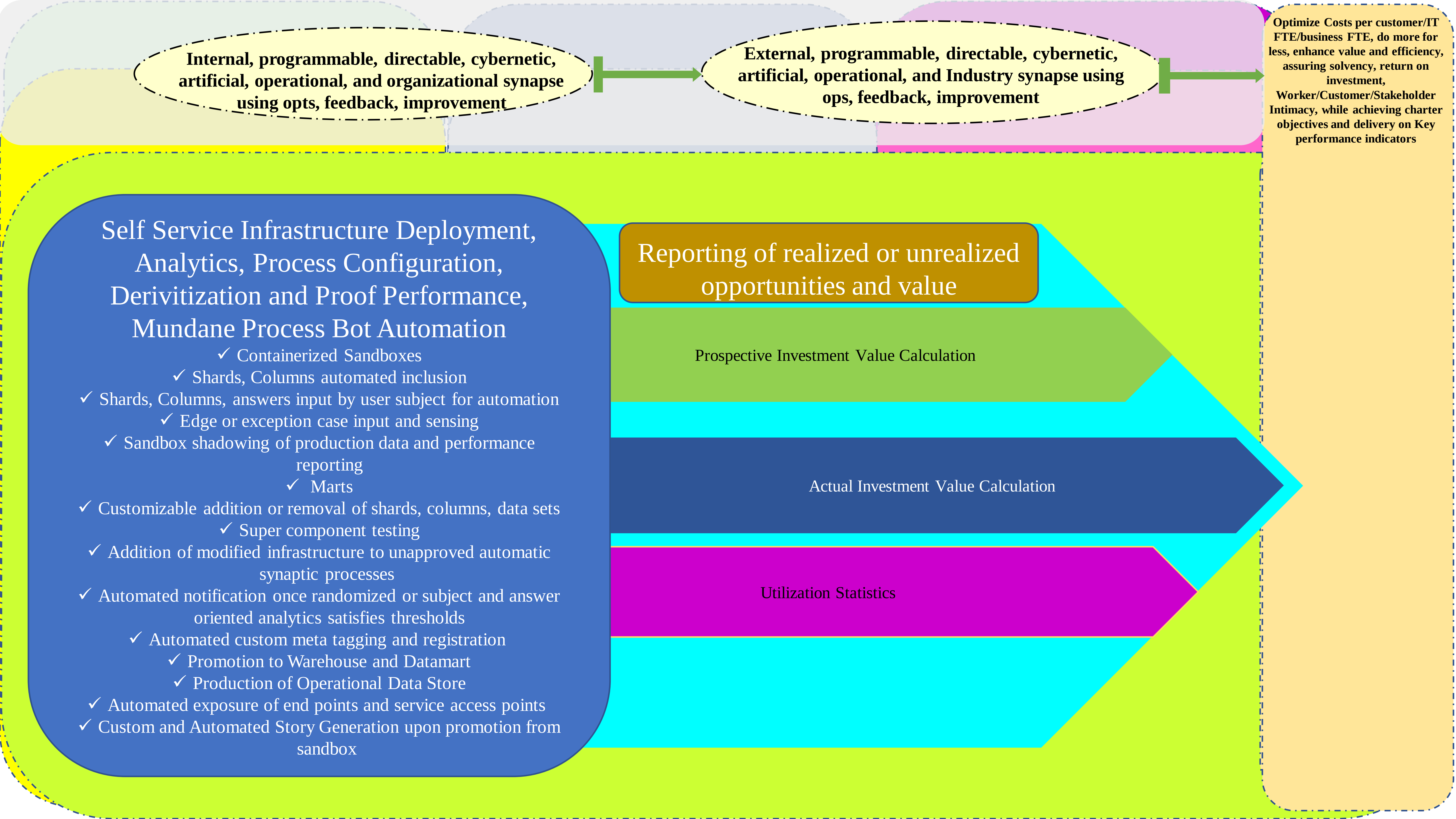
Stories about super algorithms, correlates, mechanistic links and indicators, broadly applicable as inferential dualitie and tuples to reduce EXP and NP to P

Attach and register meta data

- Charter objective, Leadership, Department, Program Objectives and KPI monitnoring and notification processes for actual and projected performance
- Reviewed, Proof Verified Automated Monitoring, thresholds, response and linked statistical process control as well as linked service level agreements
- Reviewed and Approved and proof verified groups of stories or epics describing customers, business, operations, mechanistic links, processes, as well as expected outcomes
- Reviewed, Approved and Proof Verified metaverse groups of stories defining correlations, mechanistic links, dualities, tuples involing internal data, external data, thresholds, events, responses and probabilities
- Unapproved automated and manually produced synaptic synthesis of external data, internal data, correlations, mechanistic links, dualities, shards, columns, monitoring data, statistical process control, service levels, events, and other factors
- Unapproved monitoring process linking unapproved, approved, manual and automation generated processes, data and events, along with notification for thresholds above acceptance and for high priority threashold satisfaction.
- Internal and External Universe level search for answers, correlations, algorithms for below threshold, uncorrelated or analyzed subjects, shards, columns, as well as incomplete stories

Usability and value translation

- Quality Circle Priorities and Artifacts
- Chatbots
- Focused Advisements
- Subject oriented subscription fulfillment
- Opportunity Advisements
- Risk Advisements
- Algorithm, Bot, Automated Process variance outside of thresholds
- Popup nofiications by word, phrase, artifact, date, role, service or application
- Error status, risk status, Notification, flag or visual indicator



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Self Service Infrastructure Deployment, Analytics, Process Configuration, Derivitization and Proof Performance, Mundane Process Bot Automation

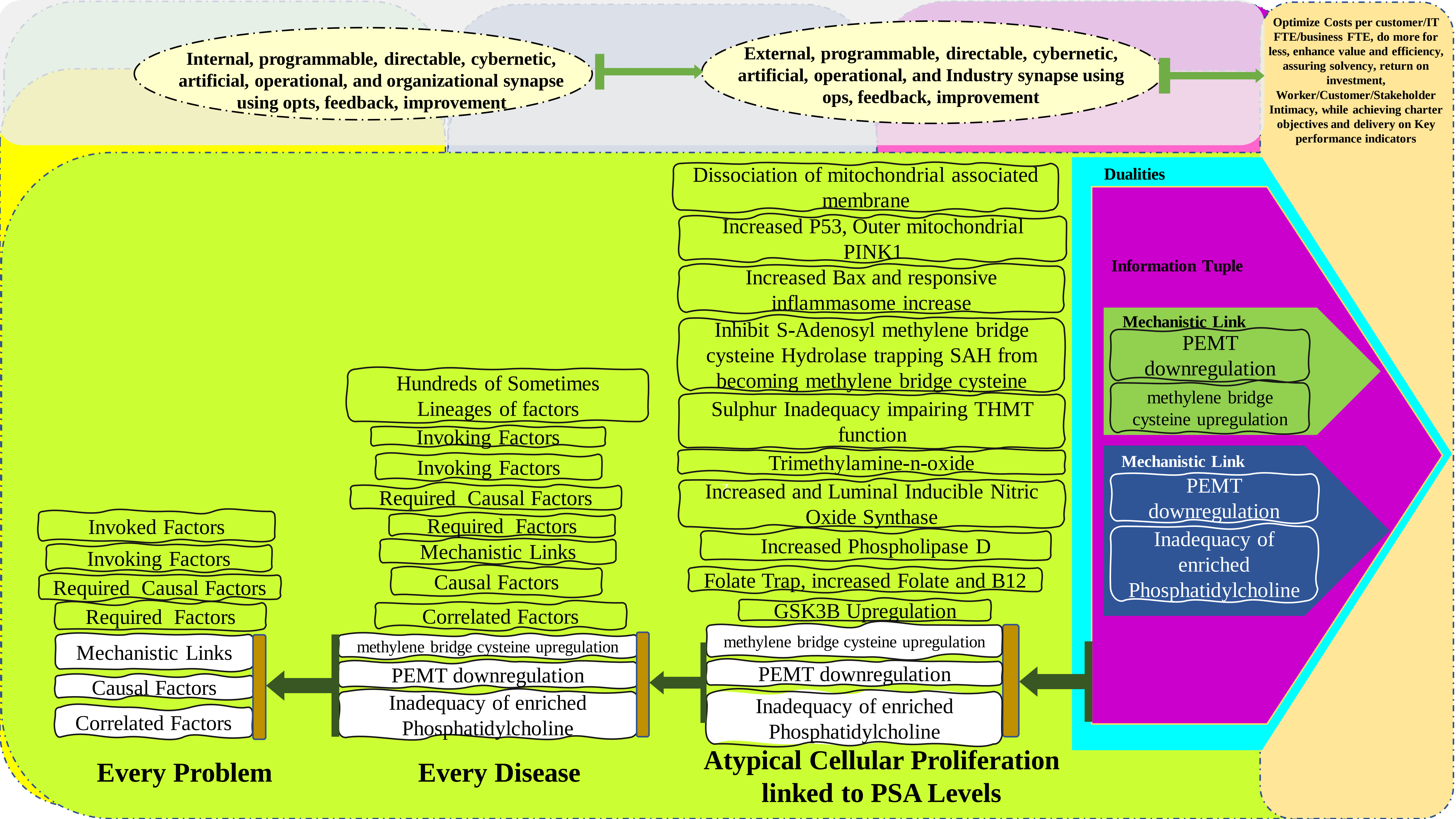
- ✓ Containerized Sandboxes
- ✓ Shards, Columns automated inclusion
- ✓ Shards, Columns, answers input by user subject for automation
- ✓ Edge or exception case input and sensing
- ✓ Sandbox shadowing of production data and performance reporting
- ✓ Marts
- ✓ Customizable addition or removal of shards, columns, data sets
- ✓ Super component testing
- ✓ Addition of modified infrastructure to unapproved automatic synaptic processes
- ✓ Automated notification once randomized or subject and answer oriented analytics satisfies thresholds
- ✓ Automated custom meta tagging and registration
- ✓ Promotion to Warehouse and Datamart
- ✓ Production of Operational Data Store
- ✓ Automated exposure of end points and service access points
- ✓ Custom and Automated Story Generation upon promotion from sandbox

Reporting of realized or unrealized opportunities and value

Prospective Investment Value Calculation

Actual Investment Value Calculation

Utilization Statistics



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Invoked Factors

Invoking Factors

Required Causal Factors

Required Factors

Mechanistic Links

Causal Factors

Correlated Factors

Every Problem

Hundreds of Sometimes Lineages of factors

Invoking Factors

Invoking Factors

Required Causal Factors

Required Factors

Mechanistic Links

Causal Factors

Correlated Factors

methylene bridge cysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Every Disease

Dissociation of mitochondrial associated membrane

Increased P53, Outer mitochondrial PINK1

Increased Bax and responsive inflammasome increase

Inhibit S-Adenosyl methylene bridge cysteine Hydrolase trapping SAH from becoming methylene bridge cysteine

Sulphur Inadequacy impairing THMT function

Trimethylamine-n-oxide

Increased and Luminal Inducible Nitric Oxide Synthase

Increased Phospholipase D

Folate Trap, increased Folate and B12

GSK3B Upregulation

methylene bridge cysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Atypical Cellular Proliferation linked to PSA Levels

Dualities

Information Tuple

Mechanistic Link

PEMT downregulation

methylene bridge cysteine upregulation

Mechanistic Link

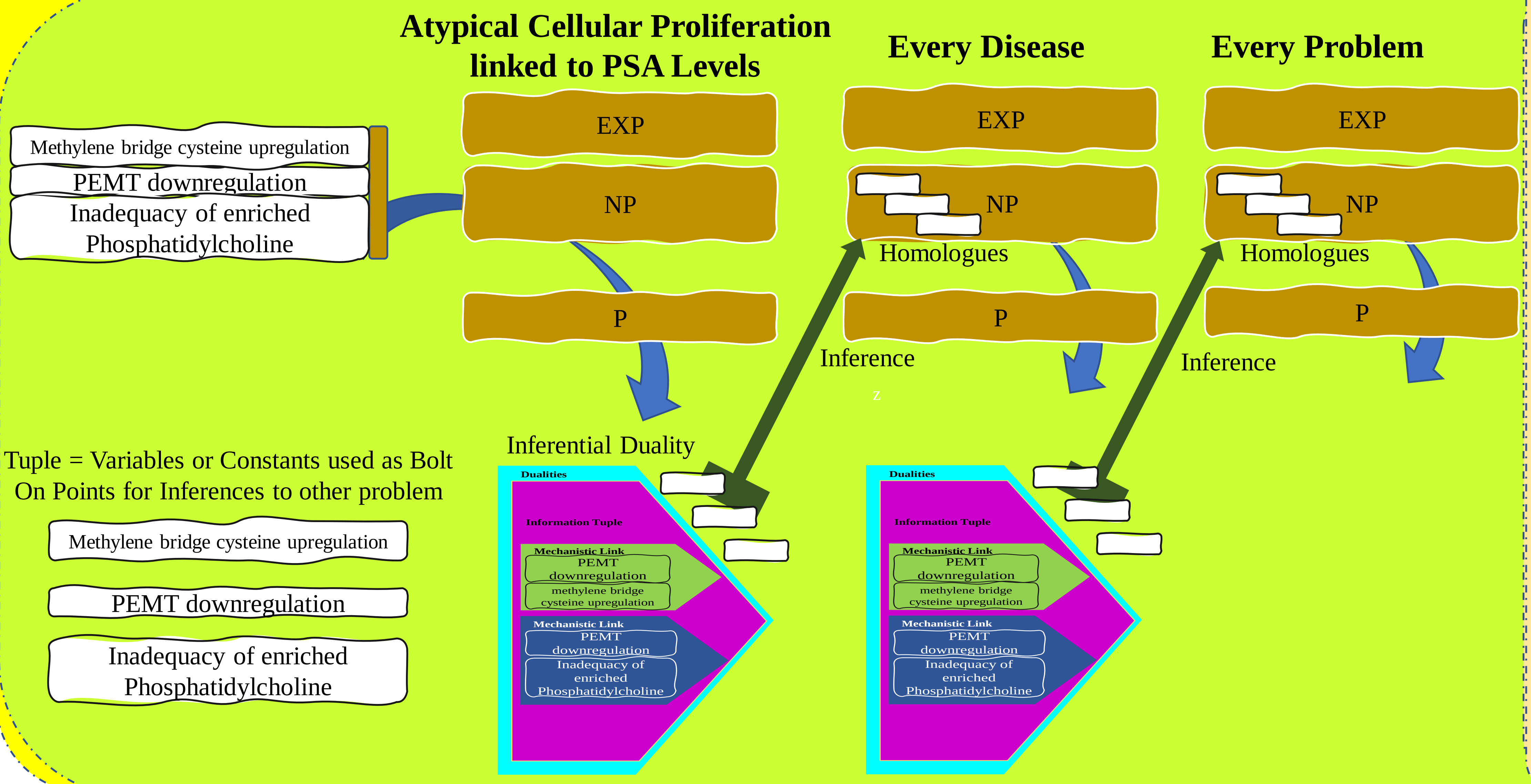
PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators



Atypical Cellular Proliferation linked to PSA Levels

Every Disease

Every Problem

Tuple = Variables or Constants used as Bolt On Points for Inferences to other problem

- Methylene bridge cysteine upregulation
- PEMT downregulation
- Inadequacy of enriched Phosphatidylcholine

Very difficult, large or unresolvable problems become resolved but axioms, tips, tricks, correlates, mechanistic links, homologues or other correlations are produced during proofs because very difficult problems are often fairly simple or uncomplicated to verify.

The resultant heuristic has relevant droplets, columns, shards or variables which perform as bolt on points within a system into which the heuristic will be inferred. The droplets together comprise a tuple.

A mechanistic link is a causal relationship.

A duality is an established relationship between a tuple and an a problem into which a tuple is to be inferred.

The objective is to solve a problem any way possible often by using efficient cheat processes. The NP reduction of an EXP problem produces correlations, relationships, mechanistic links, all as an information tuple.

Bolting these derivatives or tuples onto other problems using similar characteristics as dualities, enables EXP to NP reduction.
NP complete is essential fast, or P. Pervasively solved problems are diverse characteristics and patterns.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

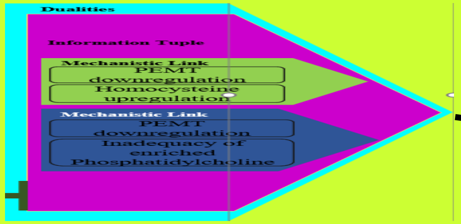
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Inferential points and data can be utilized to infer the correlates, graphs, derivatives, mechanistic links of one problem or solution into another problem or solution, rapidly reducing the problem from NP to P but also causing emergence of numerous mechanistic links, correlations, derivatives and answers.

Bolt On Inferential Points, Finding Dualities

Inferential Duality



Bolt On Inferential Points

Methylene bridge cysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Inferential Dualities

- Atypical Cellular Proliferation linked to PSA Levels
- Every Disease
- Every Problem

Derivative

NP

Mechanistic Links, Shards, Columns, or Correlates involve methylene bridge cysteine, PEMT, enriched phosphatidylcholine, factors causing these or factors resultant of these? Are graphs or derivative output(actuals, training data or unsupervised learning) positively or inversely correlated. Does the problem or subject include PSA levels, any disease or any NP problem? Does imputing any of these as answers result in an NP to P reduction? Etc.

Mechanistic Links

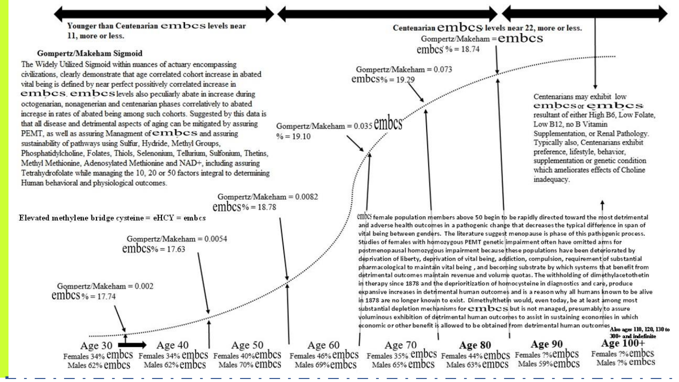
Shards

Column

Derivatives and Graphs

Correlates

P



Younger than Centenarian embcs levels near 11, more or less.

Centenarian embcs levels near 22, more or less.

Gompertz/Makeham Sigmoid

The Widely Utilized Sigmoid within nuances of actuary encompassing civilizations, clearly demonstrate that age correlated cohort increase in abated vital being is defined by near perfect possitively correlated increase in embcs. embcs levels also peculiarly abate in increase during octogenarian, nonagenerian and centenarian phases correlatively to abated increase in rates of abated being among such cohorts. Suggested by this data is that all disease and detrimental aspects of aging can be mitigated by assuring PEMT, as well as assuring Managment of embcs and assuring sustainability of pathways using Sulfur, Hydride, Methyl Groups, Phosphatidylcholine, Folates, Thiols, Selenonium, Tellurium, Sulfonium, Thetins, Methyl Methionine, Adenosylated Methionine and NAD+, including assuring Tetrahydrofolate while managing the 10, 20 or 50 factors integral to determining Human behavioral and physiological outcomes.

Elevated methylene bridge cysteine = eHCY = embcs

Centenarians may exhibit low embcs or embcs resultant of either High B6, Low Folate, Low B12, no B Vitamin Supplementation, or Renal Pathology. Typically also, Centenarians exhibit preference, lifestyle, behavior, supplementation or genetic condition which ameliorates effects of Choline inadequacy.

embcs female population members above 50 begin to be rapidly directed toward the most detrimental and adverse health outcomes in a pathogenic change that decreases the typical difference in span of vital being between genders. The literature suggest menopause is phase of this pathogenic process. Studies of females with homozygous PEMT genetic impairment often have omitted arms for postmenopausal homozygous impairment because these populations have been deteriorated by deprivation of liberty, deprivation of vital being, addiction, compulsion, requirement of substantial pharmacological to maintain vital being , and becoming substrate by which systems that benefit from detrimental outcomes maintain revenue and volume quotas. The withholding of dimethylacetothetin in therapy since 1878 and the deprioritization of homocysteine in diagnostics and care, produce expansive increases in detrimental human outcomes and is a reason why all humans known to be alive in 1878 are no longer known to exist. Dimethylthetin would, even today, be at least among most substantial depletion mechanisms for embcs but is not managed, presumably to assure voluminous exhibition of detrimental human outcomes to assist in sustaining economies in which economic or other benefit is allowed to be obtained from detrimental human outcomes

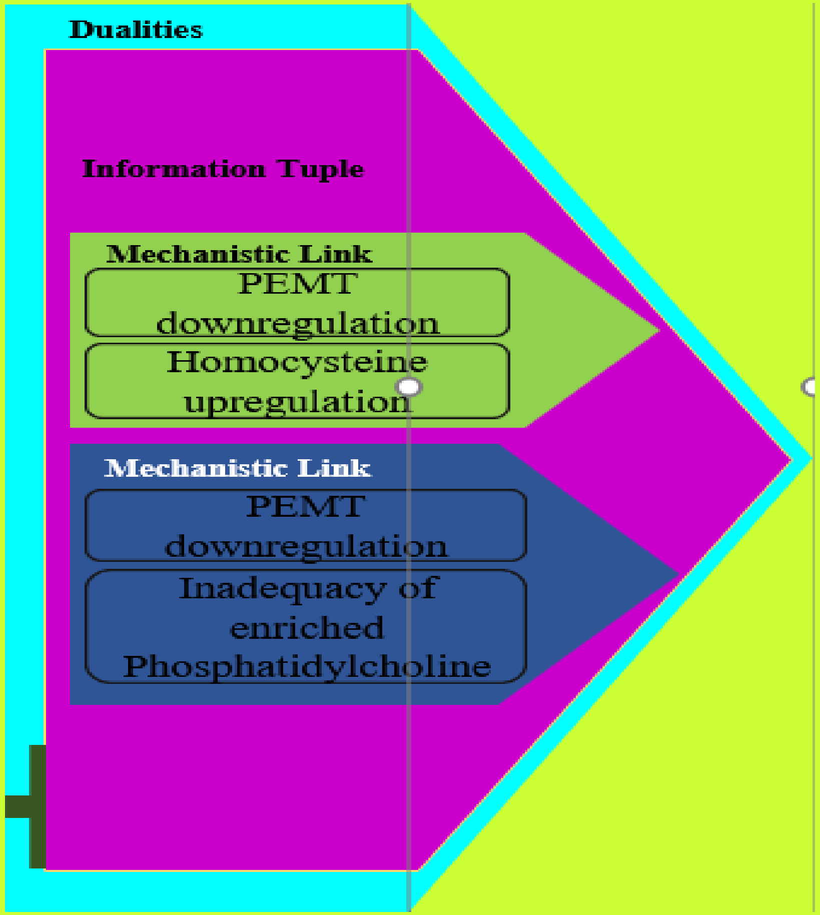
Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Registered Inferential Duality, Tuple, Correlation and Mechanistic Link

Inferential Duality



Dualities

Information Tuple

Mechanistic Link

PEMT downregulation

Homocysteine upregulation

Mechanistic Link

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Inferential Dualities

- Atypical Cellular Proliferation linked to PSA Levels
- Every Disease
- Every Problem

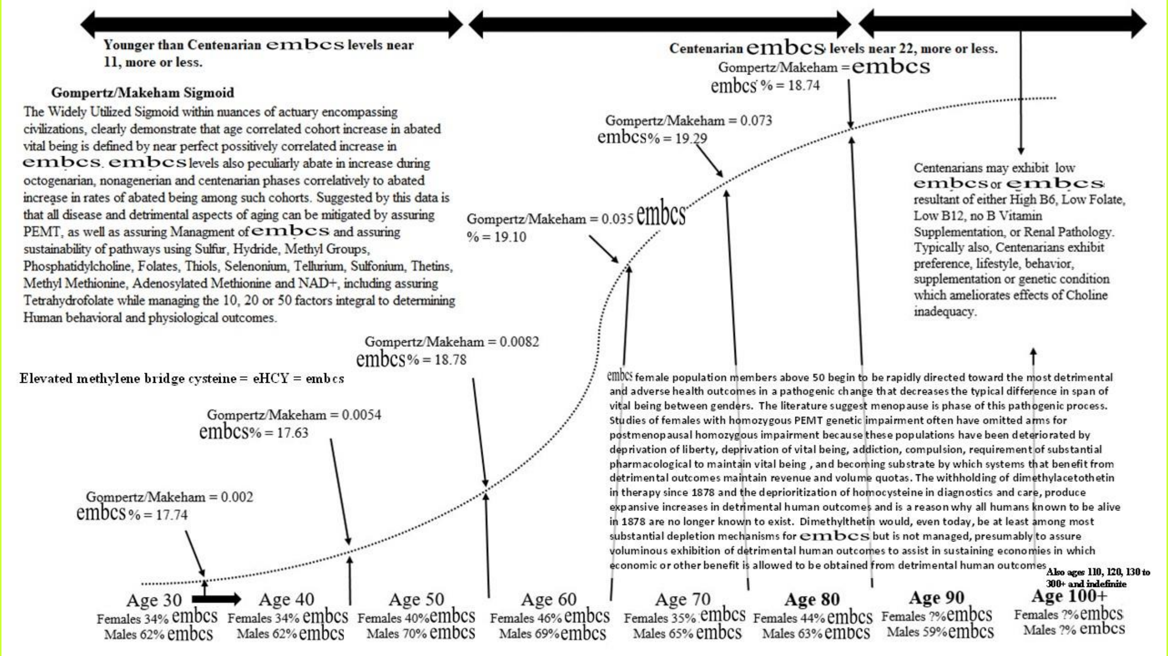
Bolt On Inferential Points

Methylene bridge cysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Derivative



Gompertz/Makeham Sigmoid

The Widely Utilized Sigmoid within nuances of actuary encompassing civilizations, clearly demonstrate that age correlated cohort increase in abated vital being is defined by near perfect possitively correlated increase in embcs. embcs levels also peculiarly abate in increase during octogenarian, nonagenerian and centenarian phases correlatively to abated increase in rates of abated being among such cohorts. Suggested by this data is that all disease and detrimental aspects of aging can be mitigated by assuring PEMT, as well as assuring Managment of embcs and assuring sustainability of pathways using Sulfur, Hydride, Methyl Groups, Phosphatidylcholine, Folates, Thiols, Selenonium, Tellurium, Sulfonium, Thetins, Methyl Methionine, Adenosylated Methionine and NAD+, including assuring Tetrahydrofolate while managing the 10, 20 or 50 factors integral to determining Human behavioral and physiological outcomes.

Elevated methylene bridge cysteine = eHCY = embcs

Centenarians may exhibit low embcs or embcs resultant of either High B6, Low Folate, Low B12, no B Vitamin Supplementation, or Renal Pathology. Typically also, Centenarians exhibit preference, lifestyle, behavior, supplementation or genetic condition which ameliorates effects of Choline inadequacy.

embcs female population members above 50 begin to be rapidly directed toward the most detrimental and adverse health outcomes in a pathogenic change that decreases the typical difference in span of vital being between genders. The literature suggest menopause is phase of this pathogenic process. Studies of females with homozygous PEMT genetic impairment often have omitted arms for postmenopausal homozygous impairment because these populations have been deteriorated by deprivation of liberty, deprivation of vital being, addiction, compulsion, requirement of substantial pharmacological to maintain vital being , and becoming substrate by which systems that benefit from detrimental outcomes maintain revenue and volume quotas. The withholding of dimethylacetothetin in therapy since 1878 and the deprioritization of homocysteine in diagnostics and care, produce expansive increases in detrimental human outcomes and is a reason why all humans known to be alive in 1878 are no longer known to exist. Dimethylthetin would, even today, be at least among most substantial depletion mechanisms for embcs but is not managed, presumably to assure voluminous exhibition of detrimental human outcomes to assist in sustaining economies in which economic or other benefit is allowed to be obtained from detrimental human outcomes

Inferential Dualities

Story

The Register Inferential, Duality, Tuple with Mechanistic Link 1298200A exhibits methylene bridge cysteine the enzyme PEMT and enriched phosphatidylcholine. Mechanistic links exist as PEMT downregulation causing upregulation of methylene bridge cysteine and PEMT downregulation causing inadequacy of enriched version of phosphatidylcholine. Information tuples exists as these mechanistic links. Dualities exist as the ability to infer PEMT status, methylene bridge cysteine levels and phosphatidylcholine status, as these exist in mechanistic links, between atypical cellular proliferation linked to PSA levels, every disease, and the set of all incomplete and complete NP problems. The expression of these relationships as a derivative presents the gompertz sigmoid and makeham sigmoid graphs describing used by pervasive organizations affected by detrimental human outcomes including vital being compared to methylene bridge cysteine typically exhibited by age. Methylene bridge cysteine describes both typical and peculiar nuances of the gompertz sigmoid and makeham sigmoid, with nearly 95 to 98 percent or more positive correlation. Managing methylene bridge cysteine, PEMT and Enriched Phosphatidylcholine beneficially to Human outcomes has the potential to change or abrogate the health status, span of being and behavioral outcomes in the developed world.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Story Board

A

Star Proteins perform shielded transfer of Cholesterol from membranes to Mitochondria

Cytochrome P450 scc performs translation of cholesterol into the original steroidogenesis enabler and choline kinase alpha upregulator Pregnenolone

Pregnenolone translated into glucocorticosteroids, hydroxysteroids, androgens, estrogens, estetrol, estriol, estradiol and estrone

Glucocorticosteriods with perfect 13 sequence estrogen response element activate estrogen response element estriol, estradiol and estrone

B

Mitochondrial PEMT2 (beginning near conclusion and after gestation) and Endoplasmic Reticulum PEMT1 (before conception) use newly synthesized unglycosylated/slightly glycosylated phosphatidylethanolamine's three open locations (connected to Nitrogen) to sequentially attach 3 molecules of CH3 or methyl groups

AP1 inhibits PEMT catalysis and AP1 is upregulated by Estrogen Receptor Alpha from within the Estrogen Response Element while AP1 is downregulated by Estrogen Receptor Alpha

Phosphatidylethanolamine Methyltransferase 1, 2 and 3 are transactivated from within the Estrogen Response Element

Estrogen receptor alpha and Estrogen receptor beta activated evenly by estradiol, unevenly by estrone, while Estrogen Receptor Alpha is downregulated by Estrogen Receptor Beta

Phosphatidylserine , Ca2+ and Phosphatidylethanolamine are shuttle into the Mitochondria from Endoplasmic reticulum through Mitochondrial associated membrane (attached to Endoplasmic reticulum)

Hydride, the energy that fuels stars, is exhibited in a 1 to 2 ratio with Hydrogen or 1 of 3 in Methyl Groups

C

Enriched phosphatidylethanolamine exhibits extended length arachidonate, omega-3 fatty acids, antiinflammatory fatty acids, DHA, ether linked fatty acids for insulation, palmitate first fatty acid in fatty acid beta oxidation, and oleoylate.

Hydride, the energy that fuels stars, is exhibited in a 1 to 2 ratio with Hydrogen or 1 of 3.

PEMT attaches CH3 to produce PMME, then attaches CH3 to PMME to produce PDME, followed by attaching of another CH3 to produce enriched phosphatidylcholine

Phosphatidylethanolamine, PMME, PDME, and Phosphatidylcholine are caustic cleaner with strong antihistamine function which enable serine proteases, trypsin, TPA fibrinolysis, sequestration of biotic factors and separation of abiotic phases from biotic phases enabling embryonic plasticity, anatomical repair/regeneration/generation.

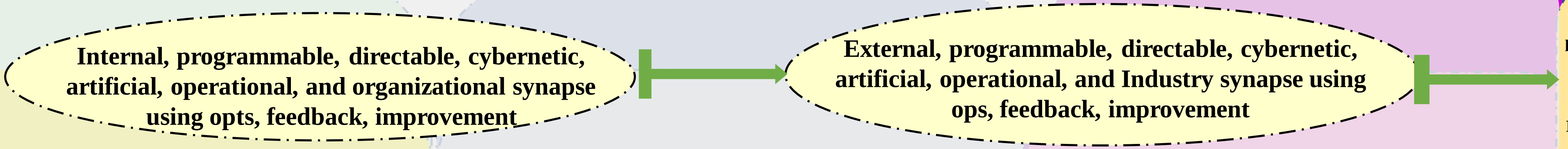
D

PEMT attachment of CH3 with 1 hydride to 2 Hydrogens enables hundreds of mitochondria in each cellular entity to exhibit capacitant fields required for 7.2 to 7.6 background ph required for conscious cognitive function and sustainable vital being.

PEMT inhibition upregulates methylene bridge cysteine, abates synthesis of Enriched Phosphatidylcholine, increase BAX to cause massive apoptosis that is opposed by choline kinase alpha, CDP choline Pathway, Sphingosine 1 Phosphate, G Protein, GSK3B survival signaling that deteriorates the protection of P53 to begin pervasive disease.

Story

The Registered Inferential, Duality, Tuple with Mechanistic Link 1298200A exhibits that inhibition of PEMT, increased levels of methylene bridge cysteine and impaired synthesis of enriched phosphatidylcholine causes cellular entities to perform in an inflammation mode, acting increasingly individual cellular entities instead of participants in tissues, organs or systems. This causes susceptibility to massive apoptosis that deteriorates neurological tissues required for rewards systems function, conditioning, recall, condition blocking, conscious capacitant fields able to withstand external influence, memory, associations, all in a way that causes circulatory pathways to become changed in a way that enhances the brain stem and amygdala ability to transmit signals in response to primitive cues that enable finding of sources of nutrients, choline and methyl groups. These enhance susceptibility to disease, detrimental behavior, addiction and compulsion because the brain is able to make less than conscious associations to factors exhibiting methyl groups and choline as well as those exhibited factors that cause the brain to conclude that essential pathways are obtaining sustenance, which in the context explained here causes complete physiology to become trained or conditioned toward crisis mode allocation of physiological systems along deregulated genomic management and social function.

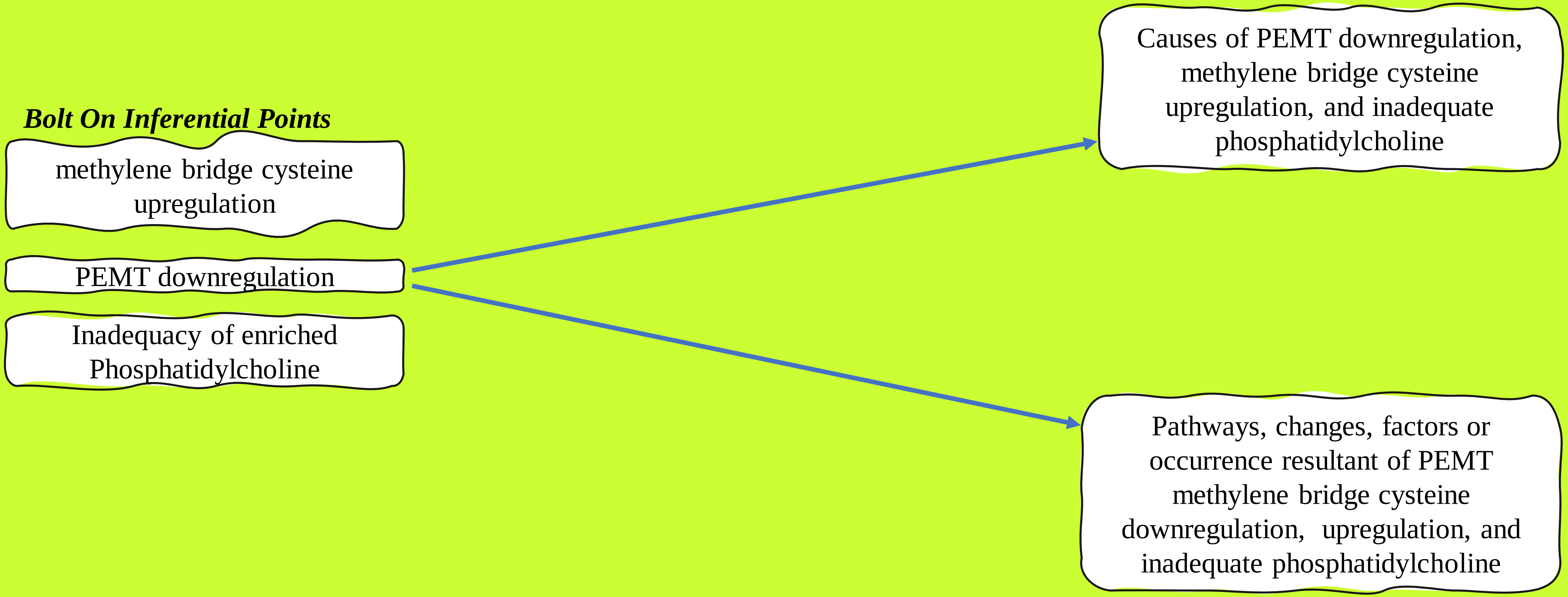


Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities



Bolt On Inferential Points

methylene bridge cysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Causes of PEMT downregulation, methylene bridge cysteine upregulation, and inadequate phosphatidylcholine

Pathways, changes, factors or occurrence resultant of PEMT methylene bridge cysteine downregulation, upregulation, and inadequate phosphatidylcholine

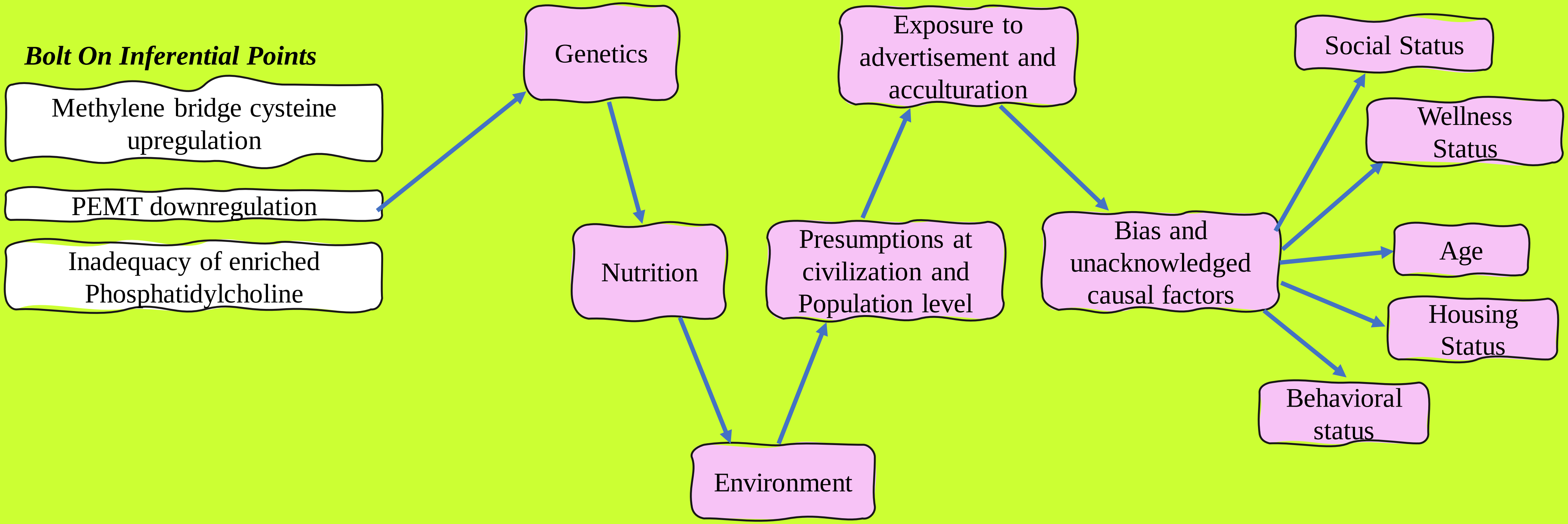
The Registered Inferential, Duality, Tuple with Mechanistic Link 1298200A presents the opportunity to identify direct and indirect stimulators of PEMT downregulation, methylene bridge cysteine upregulation and inadequacy of phosphatidylcholine. Along with these causal factors, there may be an opportunity to ascertain the factors, pathways, conditions and outcomes which emerge resultant of methylene bridge cysteine upregulation, PEMT downregulation, and enriched phosphatidylcholine inadequacy..

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities



Bolt On Inferential Points

- Methylene bridge cysteine upregulation
- PEMT downregulation
- Inadequacy of enriched Phosphatidylcholine

Genetics
Nutrition
Environment
Presumptions at civilization and Population level
Exposure to advertisement and acculturation
Bias and unacknowledged causal factors
Social Status
Wellness Status
Age
Housing Status
Behavioral status

Story

Methylene bridge cysteine upregulation, PEMT downregulation, and status of enriched phosphatidylcholine perform as a lattice that causes suggestibility which can be commandeered by diverse interests in civilization to impute or synthesize inclination, decisions, priorities and outcomes in a way that cause systems, organizations and individuals to shape human outcomes in ways that prioritize external entities and inadequately prioritize Humans. There is an opportunity do direct systems, solutions and organizations toward outcomes that incrementally and comprehensively beneficially influence and affect Human outcomes

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Story

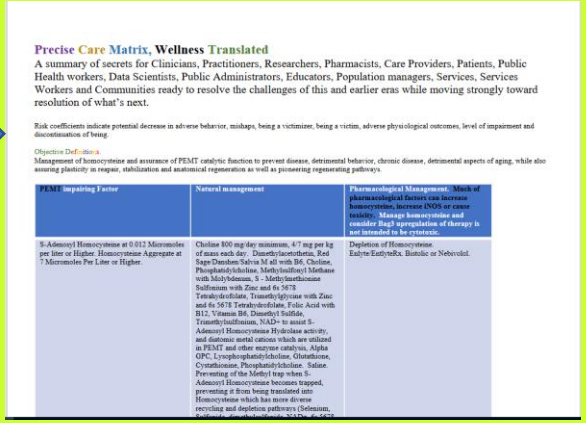
The Registered Inferential, Duality, Tuple with Mechanistic Link 1298200A presents the solutions Wellness Translated Level 1 Core.pdf and Wellness, Translated, Level 2 Expanded.pdf.

1298200A Solutions

Bolt On Inferential Points

- Methylene bridge Cysteine upregulation
- PEMT downregulation
- Inadequacy of enriched Phosphatidylcholine

1298200A Solution
Wellness, Translated, Level 1 Core.pdf



Precise Care Matrix, Wellness Translated

A summary of secrets for Clinicians, Practitioners, Researchers, Pharmacists, Care Providers, Patients, Public Health workers, Data Scientists, Public Administrators, Educators, Population managers, Services, Services Workers and Communities ready to resolve the challenges of this and earlier eras while moving strongly toward resolution of what's next.

Risk coefficients indicate potential decrease in adverse behavior, mishaps, being a victimizer, being a victim, adverse physiological outcomes, level of impairment and discontinuation of being.

Objective Definitions

Management of homocysteine and assurance of PEMT catalytic function to prevent disease, detrimental behavior, chronic disease, detrimental aspects of aging, while also assuring plasticity in reapair, stabilization and anatomical regeneration as well as pioneering regenerating pathways.

PEMT impairing Factor	Natural management	Pharmacological Management. Much of pharmacological factors can increase homocysteine, increase iNOS or cause toxicity. Manage homocysteine and consider Bag3 upregulation of therapy is not intended to be cytotoxic.
S-Adenosyl Homocysteine at 0.012 Micromoles per liter or Higher. Homocysteine Aggregate at 7 Micromoles Per Liter or Higher.	Choline 800 mg/day minimum, 4/7 mg per kg of mass each day. Dimethylacetothetin, Red Sage/Danshen/Salvia M all with B6, Choline, Phosphatidylcholine, Methylsulfonyl Methane with Molybdenum, S - Methylmethionine Sulfonium with Zinc and 6s 5678 Tetrahydrofolate, Trimethylglycine with Zinc and 6s 5678 Tetrahydrofolate, Folic Acid with B12, Vitamin B6, Dimethyl Sulfide, Trimethylsulfonium, NAD+ to assist S-Adenosyl Homocysteine Hydrolase activity, and diatomic metal cations which are utilized in PEMT and other enzyme catalysis, Alpha GPC, Lysophosphatidylcholine, Glutathione, Cystathionine, Phosphatidylcholine. Saline. Preventing of the Methyl trap when S-Adenosyl Homocysteine becomes trapped, preventing it from being translated into Homocysteine which has more diverse recycling and depletion pathways (Selenium,	Depletion of Homocysteine. Enlyte/EnlyteRx. Bistolic or Nebivolol.

1298200A Solution
Wellness, Translated, Level 2
Expanded.pdf
Tools, Maps, Matrices, and Care indications.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

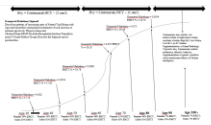
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Example Derivative Function Achieve Objective A in correlation to $f(x) = X^3 - Y^2 + Z$

Graph



Civilizations of the Earth

Release of derivatives in organized, disorganized or less than conscious way into organizational or program operations

Implement Influence to X

Implement Influence to Y

Implement Influence to Z

Foundational Civilization Levels Control Parameters

Potentiates Activation of f(x) to potentiate achievement of A

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Example Derivative Function Achieve Objective A in correlation to $f(x) = X^3 - Y^2 + Z$

Graph

Release of derivatives in organized, disorganized or less than conscious way into organizational or program operations

Civilizations of the Earth

Ignore, disacknowledge and utilization

PEMT status, methylene bridge cysteine status, Choline status, status regarding satisfaction of Human, social, behavioral and physiological requirements while sequestering factors freely obtainable in nature from populations. Reprogramming of human genetics, physiology, metabolism, cognition and behavior to sustain outcomes that sustain status quo, including detrimental Human outcomes

	Categorization variable		
	As much as 90 Million dollars in economic benefit from each imposition	Abated Vital Being Averted each year from not using Abated Vital Being as Sanction	Averted Instances of accidents, mishaps and detrimental physiological outcomes and behavioral outcomes each year
Graph Correlate	Actual Observed Decrease 1972 to 1976	20,000.00	11,665,138.37
	Trend exhibited in graph from 1972 to year 8	100,000.00	5,832,569,187.00
	Trend Exhibited in graph from 1972 to about year 12, 13, 14, 15 or 16	1,000,000.00	583,256,918.70

Affect of Abated Being used as a Sanction

Quota obtainment, objective obtainment, revenue objective obtainment, and massive detrimental human outcomes, particularly when these are linked to or allow benefit to be obtained from detrimental human outcomes

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

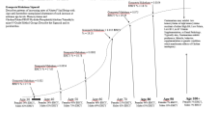
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Example Derivative Function Achieve Objective A in correlation to $f(x) = X^3 - Y^2 + Z$

Graph



Release of derivatives in organized, disorganized or less than conscious way into organizational or program operations

Civilizations of the Earth

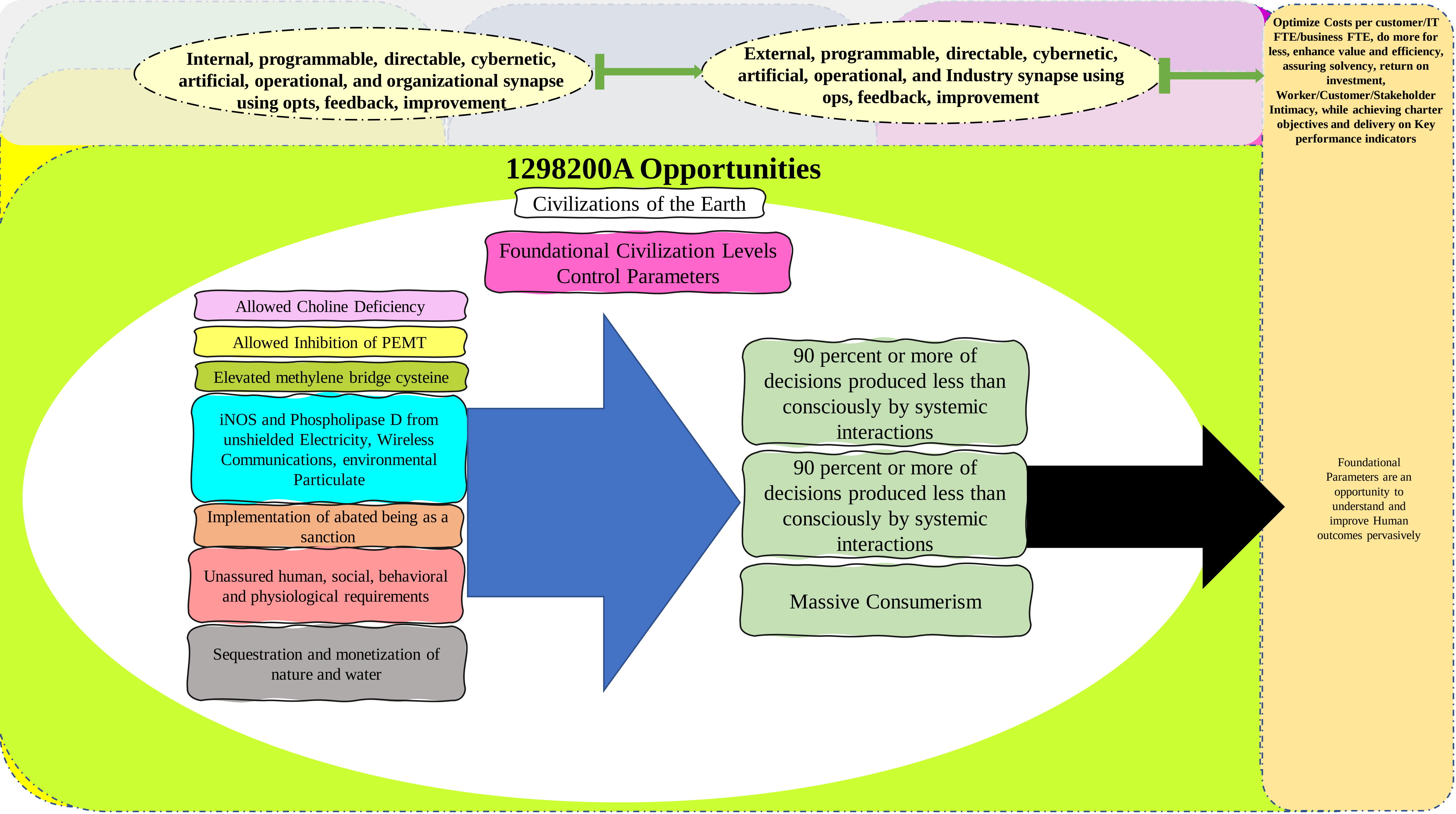
Acknowledge, Prioritize, Managed, Mitigate

PEMT status, methylene bridge csysteine status, Choline status, status regarding satisfaction of Human, social, behavioral and physiological requirements while sequestering factors freely obtainable in nature from populations. Reprogramming of human genetics, physiology, metabolism, cognition and behavior to sustain outcomes that sustain status quo, including detrimental Human outcomes

	Categorization variable		
Graph Correlate	**Acknowledge, Prioritize, Manage, Mitigate, Amend, Repeal, Sunset**	Abated Vital Being Averted each year from not using Abated Vital Being as Sanction	Averted Instances of accidents, mishaps and detrimental physiological outcomes and behavioral outcomes each year
	Actual Observed Decrease 1972 to 1976	20,000.00	11,665,138.37
	Trend exhibited in graph from 1972 to year 8	100,000.00	5,832,569,187.00
	Trend Exhibited in graph from 1972 to about year 12, 13, 14, 15 or 16	1,000,000.00	583,256,918.70

Affect of Abated Being used as a Sanction

Massive increase in stability, optimal human outcomes, and span of being, as well as potential for productivity



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

- Allowed Choline Deficiency
- Allowed Inhibition of PEMT
- Elevated methylene bridge cysteine
- iNOS and Phospholipase D from unshielded Electricity, Wireless Communications, environmental Particulate
- Implementation of abated being as a sanction
- Unassured human, social, behavioral and physiological requirements
- Sequestration and monetization of nature and water

- 90 percent or more of decisions produced less than consciously by systemic interactions
- 90 percent or more of decisions produced less than consciously by systemic interactions
- Massive Consumerism

Foundational Parameters are an opportunity to understand and improve Human outcomes pervasively

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

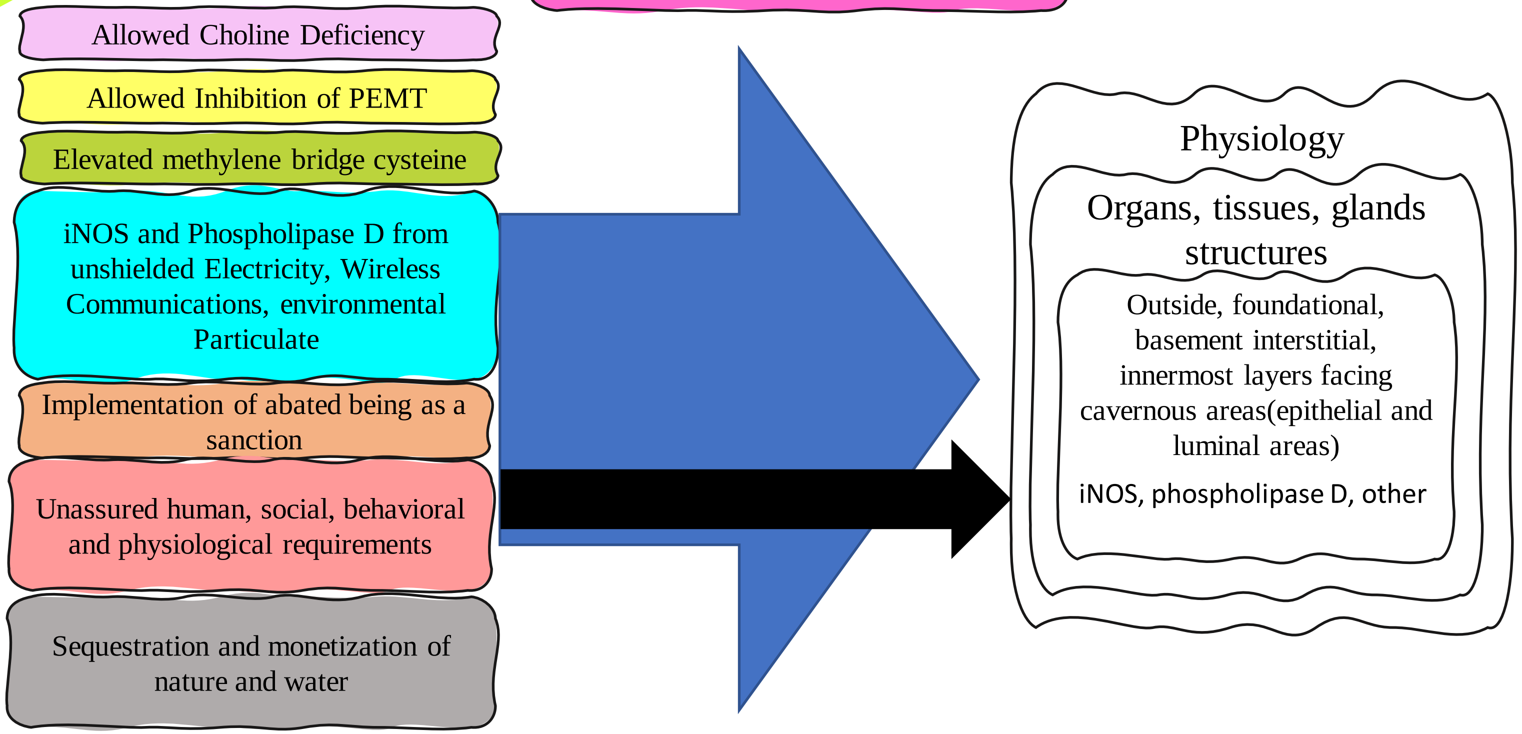
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters



Allowed Choline Deficiency

Allowed Inhibition of PEMT

Elevated methylene bridge cysteine

iNOS and Phospholipase D from unshielded Electricity, Wireless Communications, environmental Particulate

Implementation of abated being as a sanction

Unassured human, social, behavioral and physiological requirements

Sequestration and monetization of nature and water

Physiology

Organs, tissues, glands structures

Outside, foundational, basement interstitial, innermost layers facing cavernous areas(epithelial and luminal areas)

iNOS, phospholipase D, other

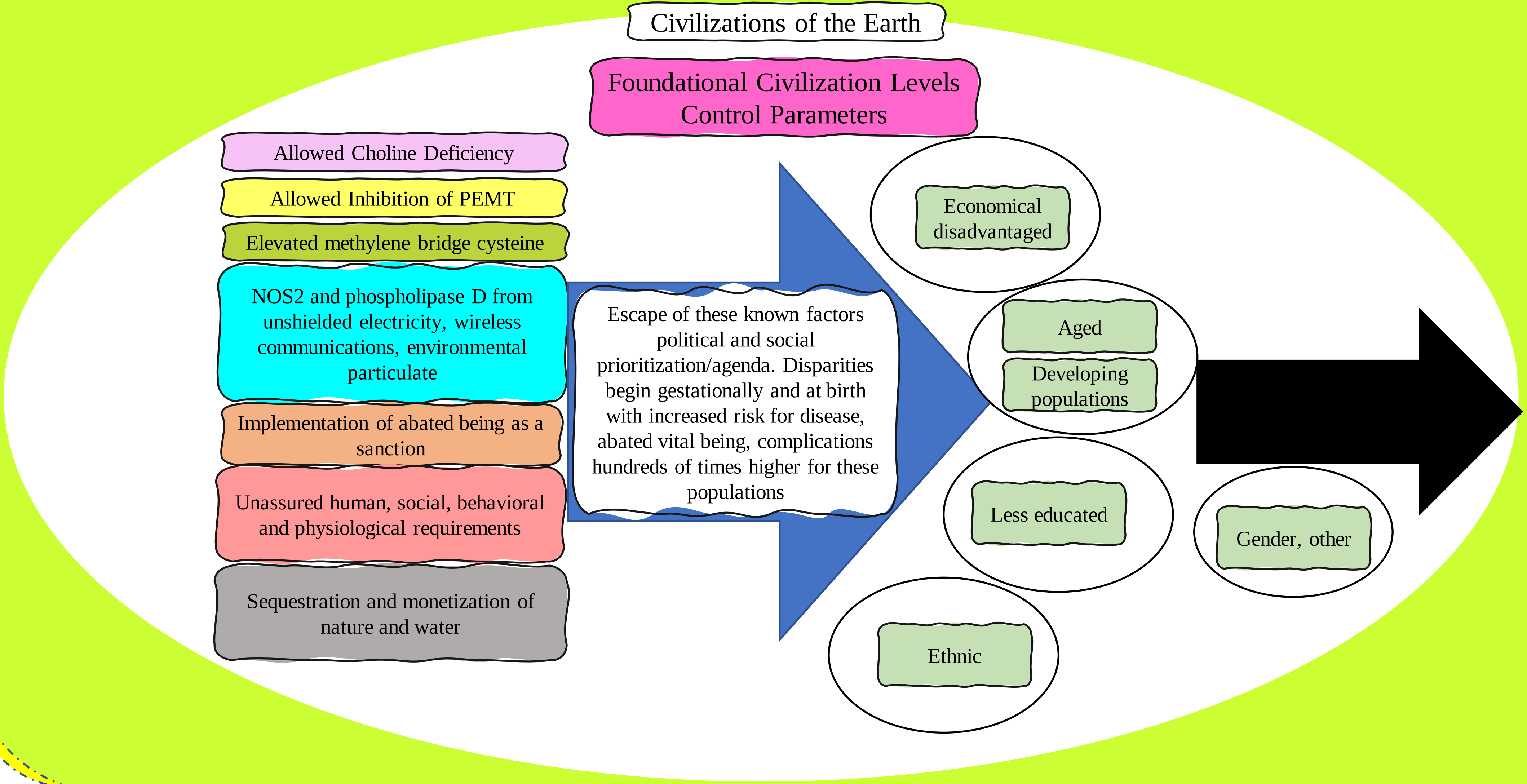
Electrical, wireless communications, atmospheric particulate, allowed choline deficiency, inhibition of PEMT and methylene bridge cysteine have participated in deteriorating species specific barriers to pathogens, microbes, disease and behavior. Electricity, wireless communications, satellite communications and increasingly high powered versions have caused physiological structure to be unable to assure protection from environmental factors, including impairin gestational circumstance, resulting in iNOS expression and phospholipase D expression in the luminal tissues and areas of physiology which physiological structure was intended to protect.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities



Civilizations of the Earth

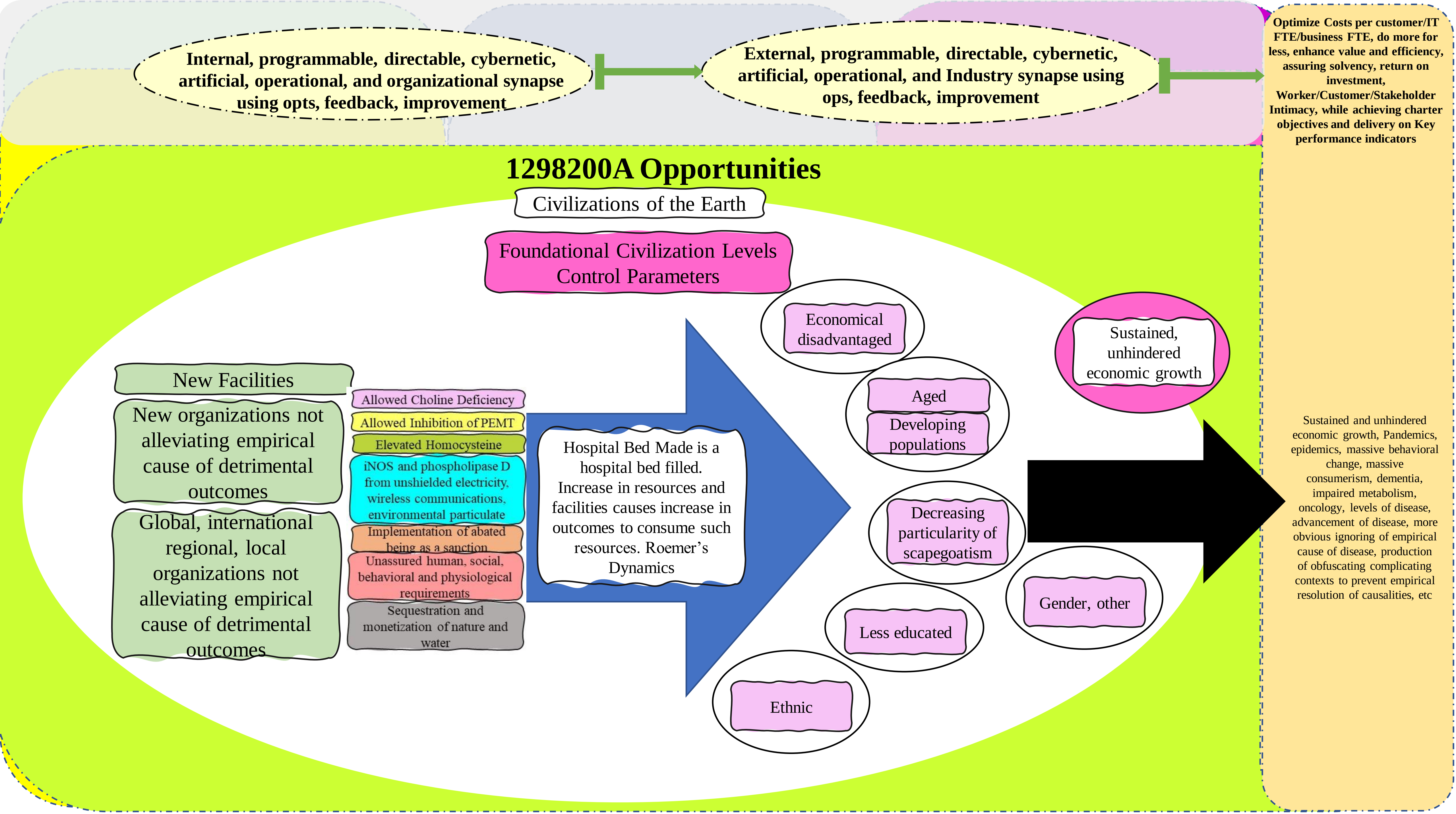
Foundational Civilization Levels Control Parameters

- Allowed Choline Deficiency
- Allowed Inhibition of PEMT
- Elevated methylene bridge cysteine
- NOS2 and phospholipase D from unshielded electricity, wireless communications, environmental particulate
- Implementation of abated being as a sanction
- Unassured human, social, behavioral and physiological requirements
- Sequestration and monetization of nature and water

Escape of these known factors political and social prioritization/agenda. Disparities begin gestationally and at birth with increased risk for disease, abated vital being, complications hundreds of times higher for these populations

- Economical disadvantaged
- Aged
- Developing populations
- Less educated
- Ethnic
- Gender, other

Foundational Parameters are an opportunity to understand and improve Human outcomes pervasively



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

New Facilities

New organizations not alleviating empirical cause of detrimental outcomes

Global, international regional, local organizations not alleviating empirical cause of detrimental outcomes

Allowed Choline Deficiency

Allowed Inhibition of PEMT

Elevated Homocysteine

iNOS and phospholipase D from unshielded electricity, wireless communications, environmental particulate

Implementation of abated being as a sanction

Unassured human, social, behavioral and physiological requirements

Sequestration and monetization of nature and water

Hospital Bed Made is a hospital bed filled. Increase in resources and facilities causes increase in outcomes to consume such resources. Roemer's Dynamics

Economical disadvantaged

Aged

Developing populations

Decreasing particularity of scapegoatism

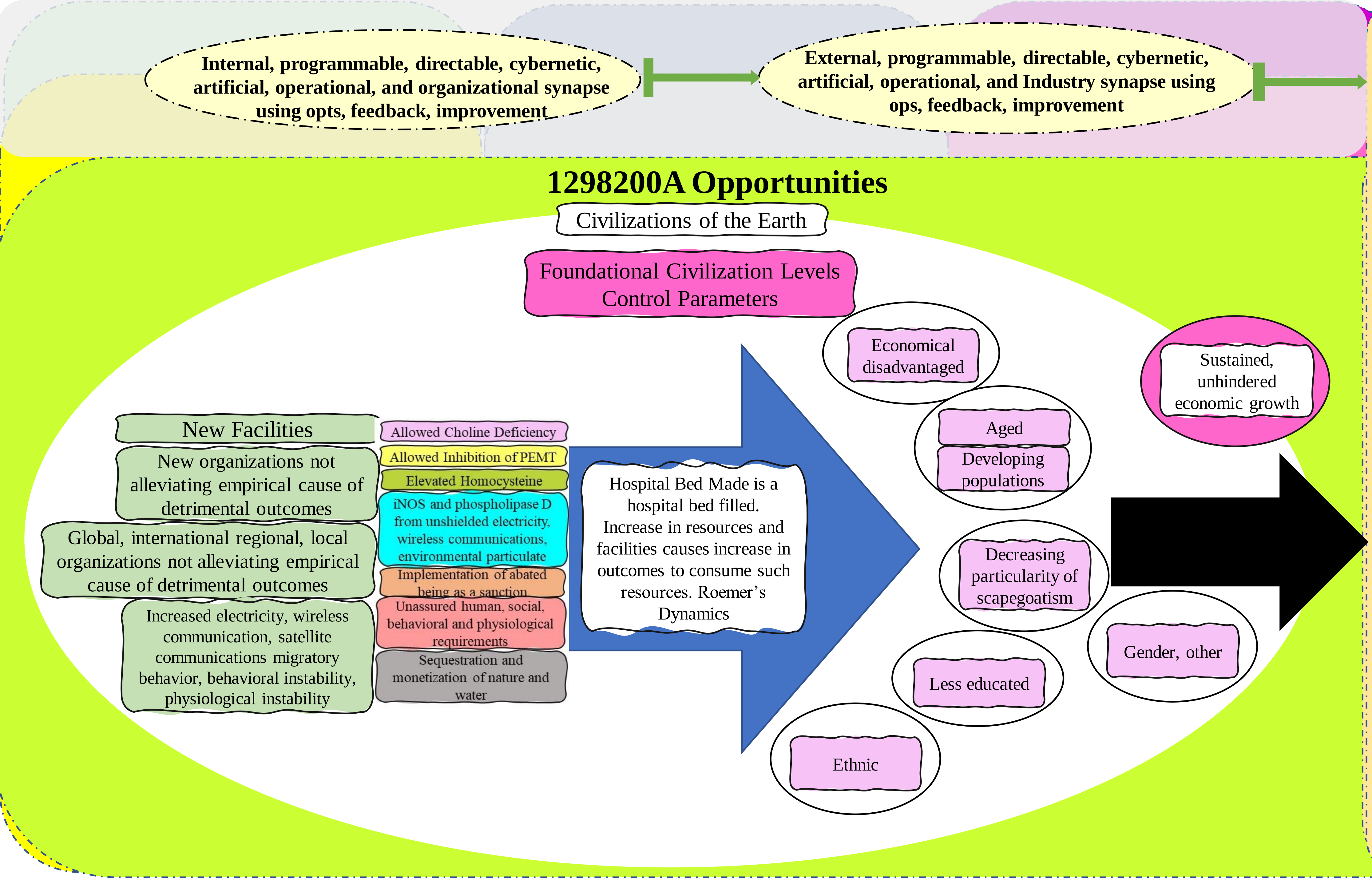
Less educated

Ethnic

Gender, other

Sustained, unhindered economic growth

Sustained and unhindered economic growth, Pandemics, epidemics, massive behavioral change, massive consumerism, dementia, impaired metabolism, oncology, levels of disease, advancement of disease, more obvious ignoring of empirical cause of disease, production of obfuscating complicating contexts to prevent empirical resolution of causalities, etc



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

New Facilities

New organizations not alleviating empirical cause of detrimental outcomes

Global, international regional, local organizations not alleviating empirical cause of detrimental outcomes

Increased electricity, wireless communication, satellite communications migratory behavior, behavioral instability, physiological instability

Allowed Choline Deficiency

Allowed Inhibition of PEMT

Elevated Homocysteine

iNOS and phospholipase D from unshielded electricity, wireless communications, environmental particulate

Implementation of abated being as a sanction

Unassured human, social, behavioral and physiological requirements

Sequestration and monetization of nature and water

Hospital Bed Made is a hospital bed filled. Increase in resources and facilities causes increase in outcomes to consume such resources. Roemer’s Dynamics

Economical disadvantaged

Aged

Developing populations

Decreasing particularity of scapegoatism

Less educated

Ethnic

Gender, other

Sustained, unhindered economic growth

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Sustained and unhindered economic growth, Pandemics, epidemics, massive behavioral change, massive consumerism, dementia, impaired metabolism, oncology, levels of disease, advancement of disease, more obvious ignoring of empirical cause of disease, production of obfuscating complicating contexts to prevent empirical resolution of causalities, etc. Humans in civilizations where human, social, behavioral and physiological requirements are not freely provided = influences population toward increased demand. Production begins to stimulate demand even beyond equilibrium. Because PEMT inhibition, methylene bridge, increased electricity influence and increased wireless influence cause NOS2, Phospholipase D, other factors inhibition of PEMT, increases methylene bridge cysteine, ablates higher cognition integration into stimuli and response, redirects stimuli/response to amygdala, causes inhibition of glycolysis by P53 except in actively utilized muscle tissue to produce a canonical focus on excitatory muscle activity/behavior, deteriorating conditioning, areas of the brain required for social behavior, resistance to environmental influences, rewards system, etc. Shapes, tastes, smells, cues leading to factors in nature that alleviate methylene bridge cysteine are commandeered for advertising, sales, signs, displays, products, services, etc. These factors cause a physiological multiplicity between migration, behavioral changes or physiological changes.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

The foundational parameters emerged as modalities of assuring, confirming and sustaining biased outcomes and sustaining objectives, revenue objectives, quotas and other outcomes which require detrimental human outcomes in order to be obtained. These foundational parameters become encompassed by acculturation, obfuscation, obscuring contexts, and other pervasively exhibited mechanisms, association, biases, and omittances in a way that seems to have emerged innocently, ignored when the correlates should have been acknowledged, utilized to continue conformation of bias, and then, in the 2000s, emerged as uncontrollable influences affecting populations other than those whom were easily made dispensable to scapegoatism because of susceptibilities, resulting in detrimental effect that was no longer relegated to scapegoated populations. Most imperatively, after interspersion of diverse groups among one another, wireless, satellite, electricity, particulate/pollution, and inhibition of PEMT along with methylene bridge cysteine persist disparate outcomes among scapegoated populations because these affect darker feature, older, health condition exhibiting, risk factor exhibiting, less fortunate populations. These are exacerbated by exhibition of massive benefit being obtained from these populations in context in which how and why these factors are affecting them is being withheld.

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

1800s to early 1900s

Massive changes to distribution of human outcomes emerges consistent with Electricity, Wireless communications, pollution. Discovery of dimethylthetin which decreases methylene bridge cysteine not acknowledged or utilized

Because the affects these unmanaged factors was distributed at increased levels among scapegoated populations, these could be used to produce confirmation of bias and revenue, such that dimethylthetin metabolism pathways but not dimethylthetin was used to produce pervasive drugs in the 1900s

Early 1900s

Viral and Microbial conditions begin to emerge and move from other organisms into Human populations. What was principally methylene bridge cysteine, PEMT as foundations for disease and detrimental behavior.

Populations begin to be affected by pervasive conditions that require, are exacerbated by or are pathogenically hastened or amplified by iNOS and phospholipase D among other factors. Massive changes to behavior and physiology emerge as outcomes associated with risk factors that are correlated to scapegoated populations. These are utilize to confirm bias and prevent social change/improvement.

1900s

2000s

Foundational parameters are allowed to increase each year and become nearly perfectly correlated with abated vital being, but allow massive consumerism, demand to increase according to availability of products or services.

Increasing integration of different groups is counteracted by electricity and wireless communications which increasedly effects darker featured, genetically specific, culturally specific populations. Electricity and wireless become tools to persist biased outcomes and cannot be acknowledged because these are means of persisting bias, confirming bias, achieving quotas, revenue objectives.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

These present clearly that civilizations have a interest foundationally included in detrimental aspects of the status quo to select the most detrimental manner of resolving human requirements, civilization requirements, and other challenges, because these have, in earlier eras, resulted in massive confirmation of the status quo. These have resultant in inadequate safety assurances regarding the effect of these modalities to human populations and has allowed sustained increases of the cytokines required by pathogens, disease, detrimental behavior, microbes, epidemics and pandemics. Observing how long the capabilities for producing water and energy with virtually no environmentally detrimental effect, presents how long unnecessary detriment to environment and human populations has persisted. The opportunities intended for the newly discovered western hemisphere has always been to elute benefit for humanity more empirically, more purely, more pervasively and most safely from what was the wilderness and what was the incipient knowledge that existing populations of the western hemisphere had already produced in understanding, managing and assuring sustainability of natural resources. The value proposition of products and services now have myriad new dimensions and myriad new possibilities. The costs and affects to human populations of bias, pervasively imposed and acculturated upon humanity and systems, are incalculable in this context.

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

Political systems and even democracies exhibit the potential for less than majoritarian groups to become scapegoated through social constructs, bias, perception, opinion, electoral and other processes, even when these can cause massively detrimental focused outcomes. These are a major source of potential value for programs, products and services.

2000s

Production of Water from atmosphere at 500,000 or more liters each day. www.waterfromatmosphere.com

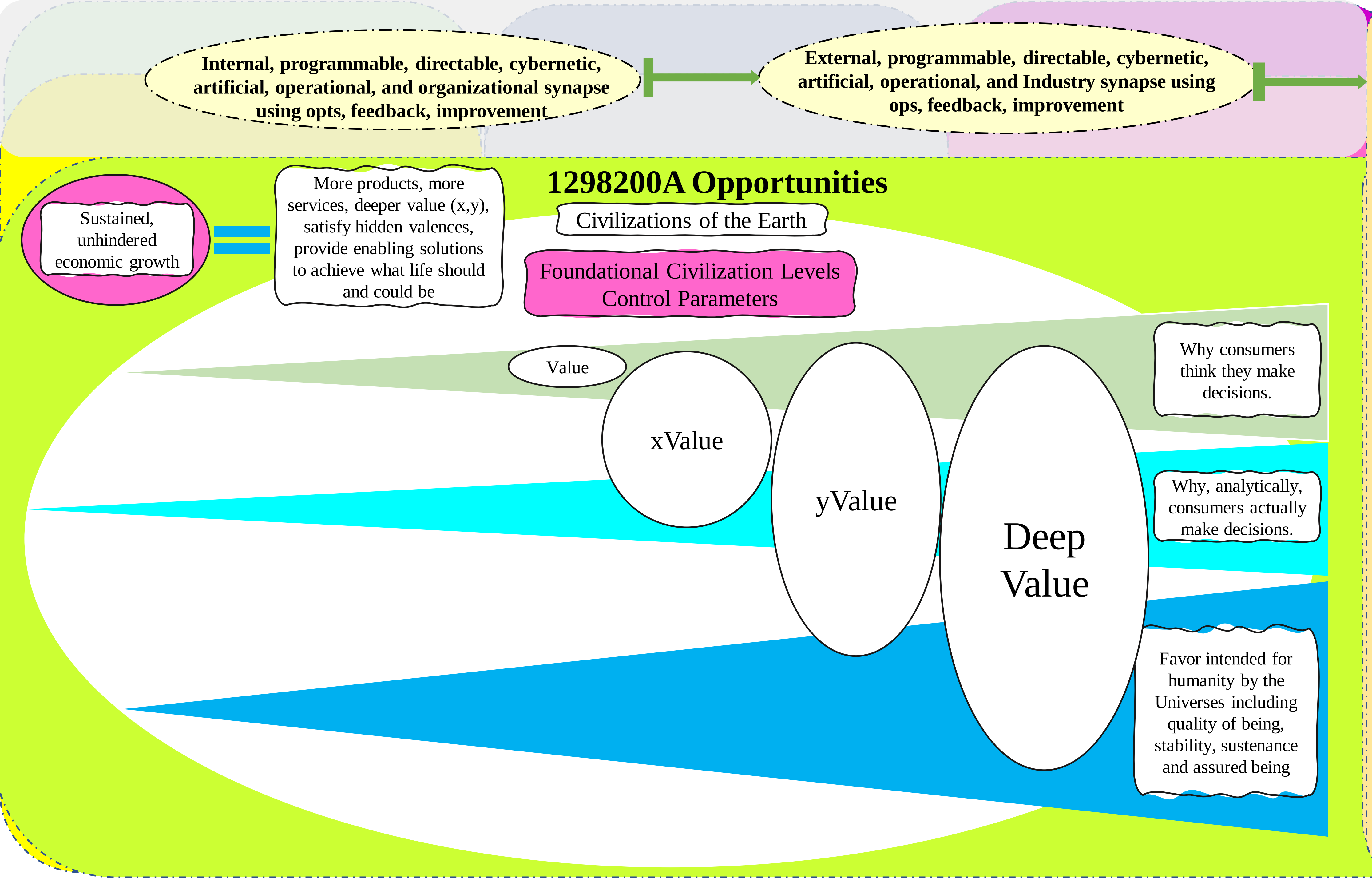
Regardless of this remarkable capability that has always been possible and has been feasible for decades, civilizations continuously choose to implement that most invasive, wasteful, expensive, and detrimental ways of managing water resources for populations, particularly because doing so promotes bias confirmation and enables benefit to be obtained from detrimental outcomes.

2000s

Permanent management generation of resourceless, wasteless, nonpolluting and immediately carbon neutral production of 1000s of megawatts of current for only maintenance costs after incipient implementation. Permanent, sustainable energy at size to energy ratios unimaginable even a few years ago, but which was possible hundreds of years ago. Calnetix.com presents permanent, resourceless, wasteless, nonpolluting energy production efficiencies of 13 kW/kg and 43 kW/liter. c

Civilizations have continuously chosen the most risky, most polluting and most detrimental modalities of energy production because these confirm biases, produce massive detriment that can be benefited from and enable production of massive waste, some of which can be utilized to assist in production of massively detrimental artifacts often providing nations that are not able to sustain their own populations with the opportunity to regressive global systems into past eras of potential destabilization and was well potential abrogation of massive aspects of human populations.

These introduce how interactions within systems and processes can occur in a way that prioritizes systems over their incipient purpose, utility, over humanity and over satisfy value in the deep xValue dimension and the deeper yValue dimension.



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

Sustained, unhindered economic growth

=

More products, more services, deeper value (x,y), satisfy hidden valences, provide enabling solutions to achieve what life should and could be

Why consumers think they make decisions.

Why, analytically, consumers actually make decisions.

Favor intended for humanity by the Universes including quality of being, stability, sustenance and assured being

The value proposition for products and services has expanded beyond satisfying conscious nuances of human priorities, reaching satisfaction of less than conscious nuances of human priorities and extending toward satisfying foundational nuances of human, social, behavioral and physiological requirements including sustainability, environmental priorities, quality, stability and empowerment of humans. Western civilizations are known to have the most successful products be linked to or represent homologues to physiology and esoteric factors in physiology. Information technology development and other organizations are known to present strong homologues to increasingly esoteric and intricate nuances of physiology and biology. This suggests that organizations have for some time integrated hidden benefits, particularly knowledge and information factors, within products and services. Often, these would be able to disrupt the status quo, such that integrating such knowledge into products and services may have been able to cause advancement in research, development, products and services, particularly during eras when the status quo would not be displaced even when information and data clearly provided an impetus to do so.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

Focusing Events, inaccurate opinion, bias, unempirical understanding, ignoring of empirical causality, focus on proximate factors, omitting of systemic shaping of outcomes

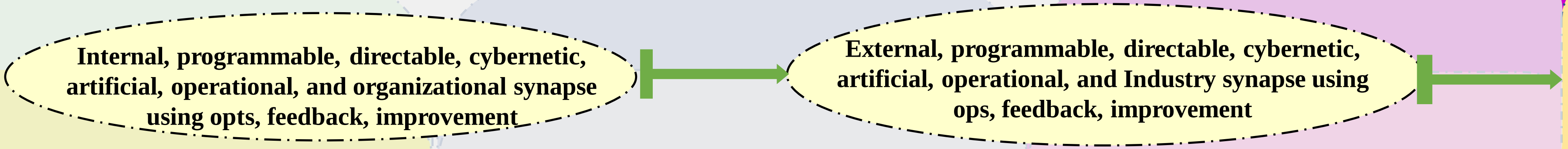
Control or control for these factors to prevent commandeering of program priorities

- What has to be there for the Less than optimal outcome to occur
- What are Correlates to the outcome
- Mechanistic causal Links
- Why and what has not been successful influences or programs. Why?
- Why and what have been successful influences or programs. Why?
- Dualities or similar Systems for inferences
- Existing Resources

- Success Criteria Derivation
- Derivation of monitors, Measures, Objectives, KPIs
- Integration of Correlates, Derivatives, Mechanistic Links
- Derive Derivatives and Tuples
- Produce Dualities to infer Derivatives and tuples, as well as mechanistic links into other systems, programs or the program context

- Implementation. Focused Pilot, Focused Group, General
- Program component and Directives integrated into implementation by Derivatization potential, Cost, and criteria satisfaction potential
- Monitoring of each program component implementation for effect, cost and implementation status
- Report on foundational parameters as well

Each success elutes new or more intricate causalities and mechanistic links regarding human and social requirements. Foundational Parameters in this regard can be an opportunity to understand and improve Human outcomes pervasively. Information technology has an increased potential to elute the factors in correlation with the success of organizations, initiatives and capabilities.



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Opportunities

This analytic process is both encompassed in software and implemented as operational infrastructure. It is designed to engineer why it is that every analytic process has difficulty reaching empirical observation, analysis, and understanding of areas of inadequacy, challenges, or opportunities. Essentially, why it is that every capability in therapeutics or nutrition, as well as wellness have not been able to conclude a role for PEMT function and its linked factors as essential to health and behavior.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

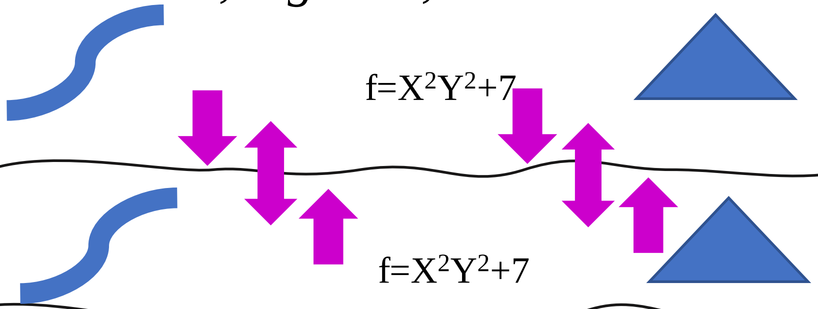
Systemic, Intraorganizational, Interpopulation and Human Context or Synapse

Systemic, Intraorganizational, Interpopulation and Human Context or Synapse

External Synapse
Translation of internal synapse into external *Tensors, Sigmoid, Derivatives, and effect*

Internal Synapse

Organizational, Charter, Departmental, Procedural, Rules, Routine Algorithms, *Tensors, Sigmoid, and Derivatives*



$f=X^2Y^2+7$

$f=X^2Y^2+7$

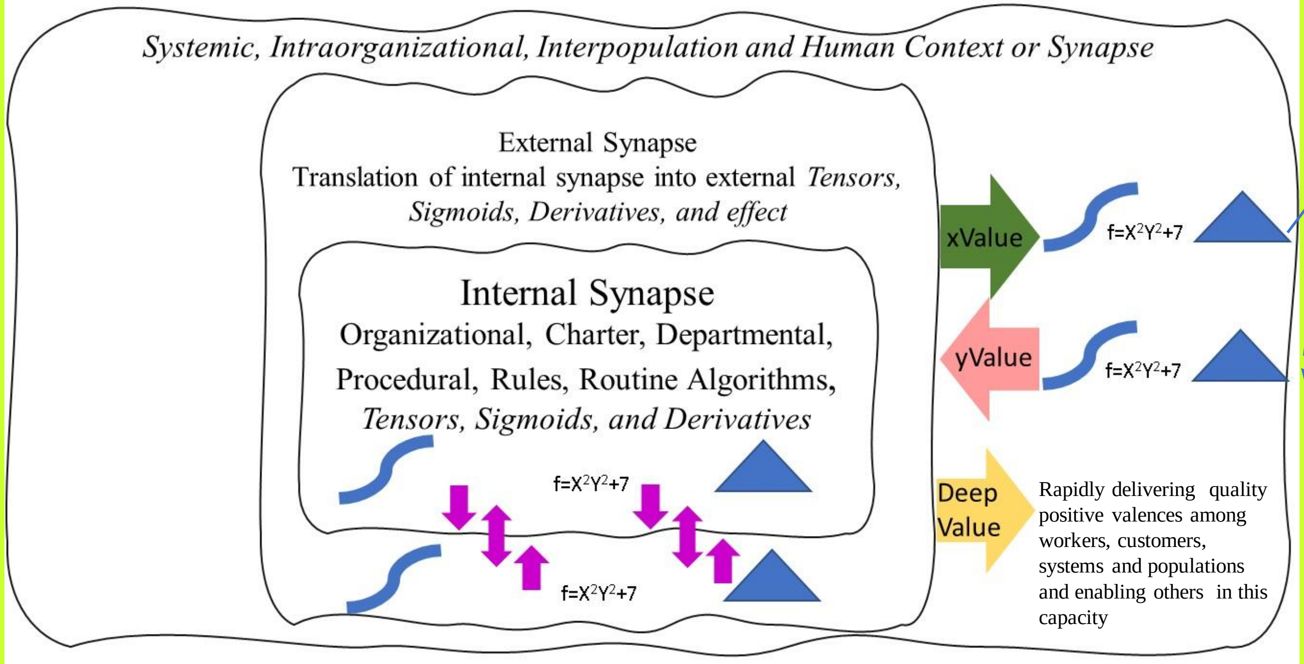
Artificial Intelligence, Machine Learning, Robotic Process Engineering and Data Science seem to be most useful when a system interacts with, affects and responds to its internal, external, and other nuances of environment.

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Systemic, Intraorganizational, Interpopulation and Human Context or Synapse



Systemic, Intraorganizational, Interpopulation and Human Context or Synapse

External Synapse
Translation of internal synapse into external *Tensors, Sigmoids, Derivatives, and effect*

Internal Synapse
Organizational, Charter, Departmental, Procedural, Rules, Routine Algorithms, *Tensors, Sigmoids, and Derivatives*

Rapidly delivering quality positive valences among workers, customers, systems and populations and enabling others in this capacity

X

Solutions guided by internal priorities

y

Improved Intimacy with conscious and other than conscious Human decisions toward internal priorities by understanding effect of solutions and activities

Deep

Integration of externalities or indirect effects, Population, Behavioral, Clinical, Socioeconomic and outcomes level Parameters and datasets

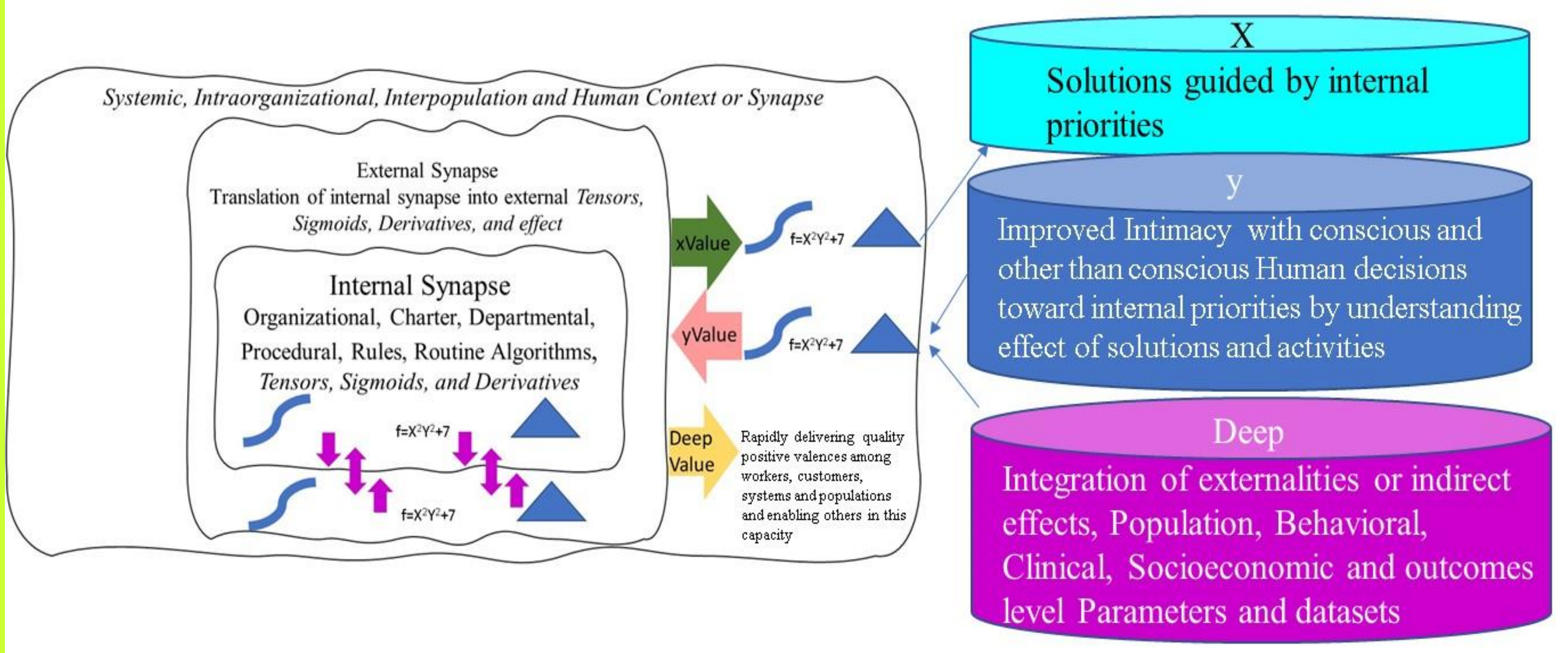
Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Human
Consciousness

Promote to Consciousness



Systemic, Intraorganizational, Interpopulation and Human Context or Synapse

External Synapse
Translation of internal synapse into external *Tensors, Sigmoids, Derivatives, and effect*

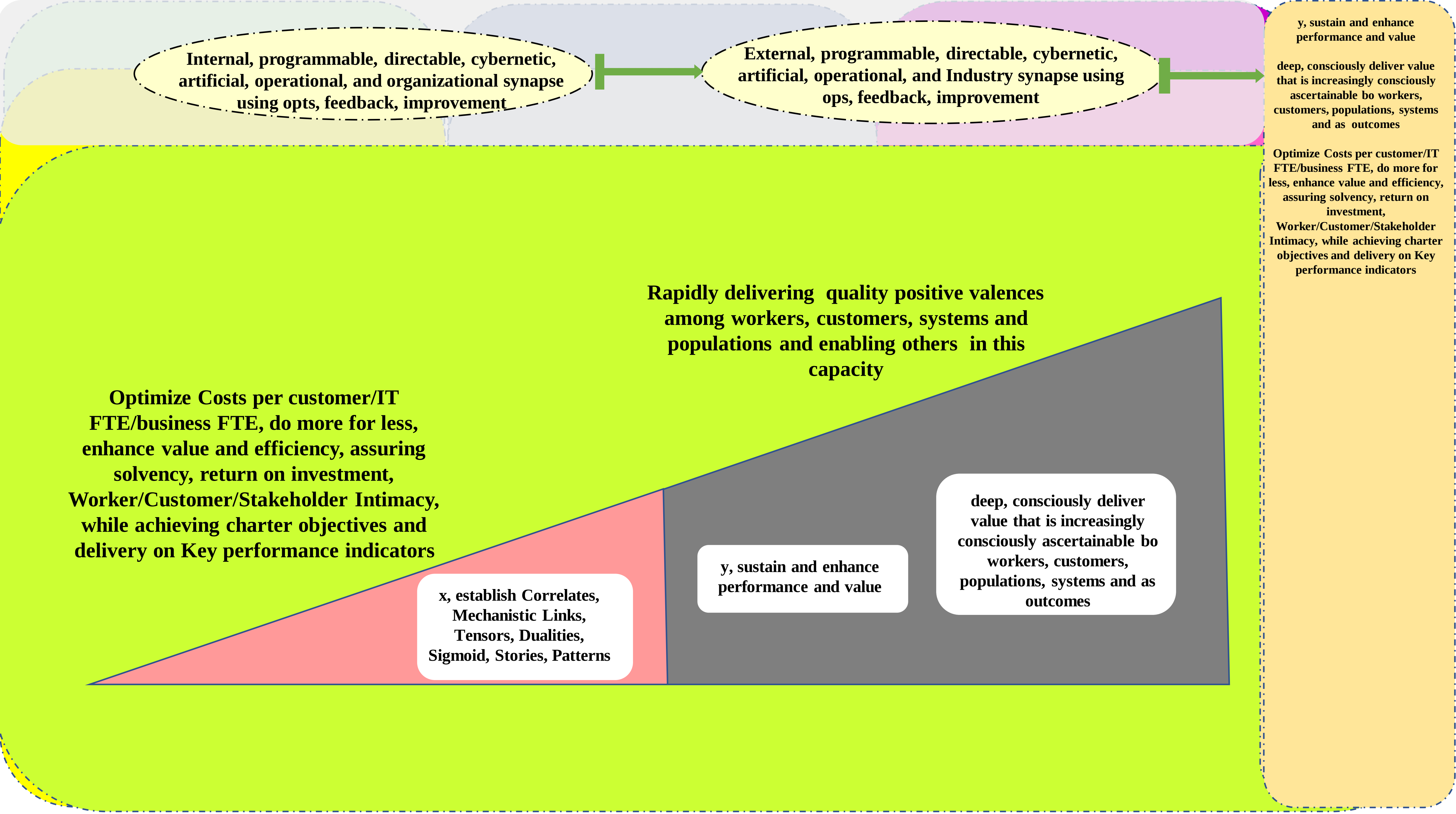
Internal Synapse
Organizational, Charter, Departmental, Procedural, Rules, Routine Algorithms, *Tensors, Sigmoids, and Derivatives*

Rapidly delivering quality positive valences among workers, customers, systems and populations and enabling others in this capacity

X
Solutions guided by internal priorities

y
Improved Intimacy with conscious and other than conscious Human decisions toward internal priorities by understanding effect of solutions and activities

Deep
Integration of externalities or indirect effects, Population, Behavioral, Clinical, Socioeconomic and outcomes level Parameters and datasets



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

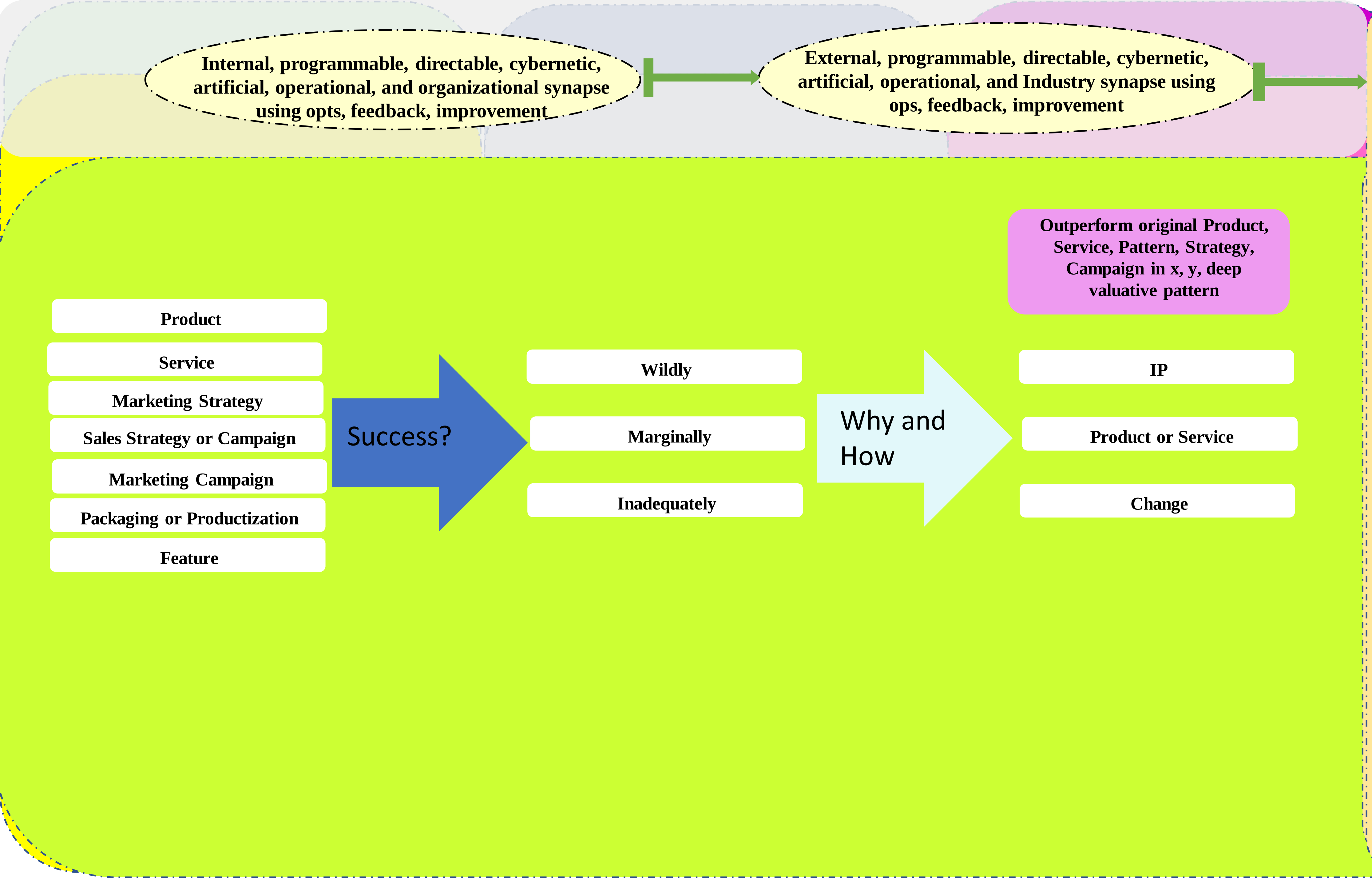
Rapidly delivering quality positive valences among workers, customers, systems and populations and enabling others in this capacity

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

x, establish Correlates, Mechanistic Links, Tensors, Dualities, Sigmoid, Stories, Patterns

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Product

Service

Marketing Strategy

Sales Strategy or Campaign

Marketing Campaign

Packaging or Productization

Feature

Success?

Wildly

Marginally

Inadequately

Why and How

Outperform original Product, Service, Pattern, Strategy, Campaign in x, y, deep valuative pattern

IP

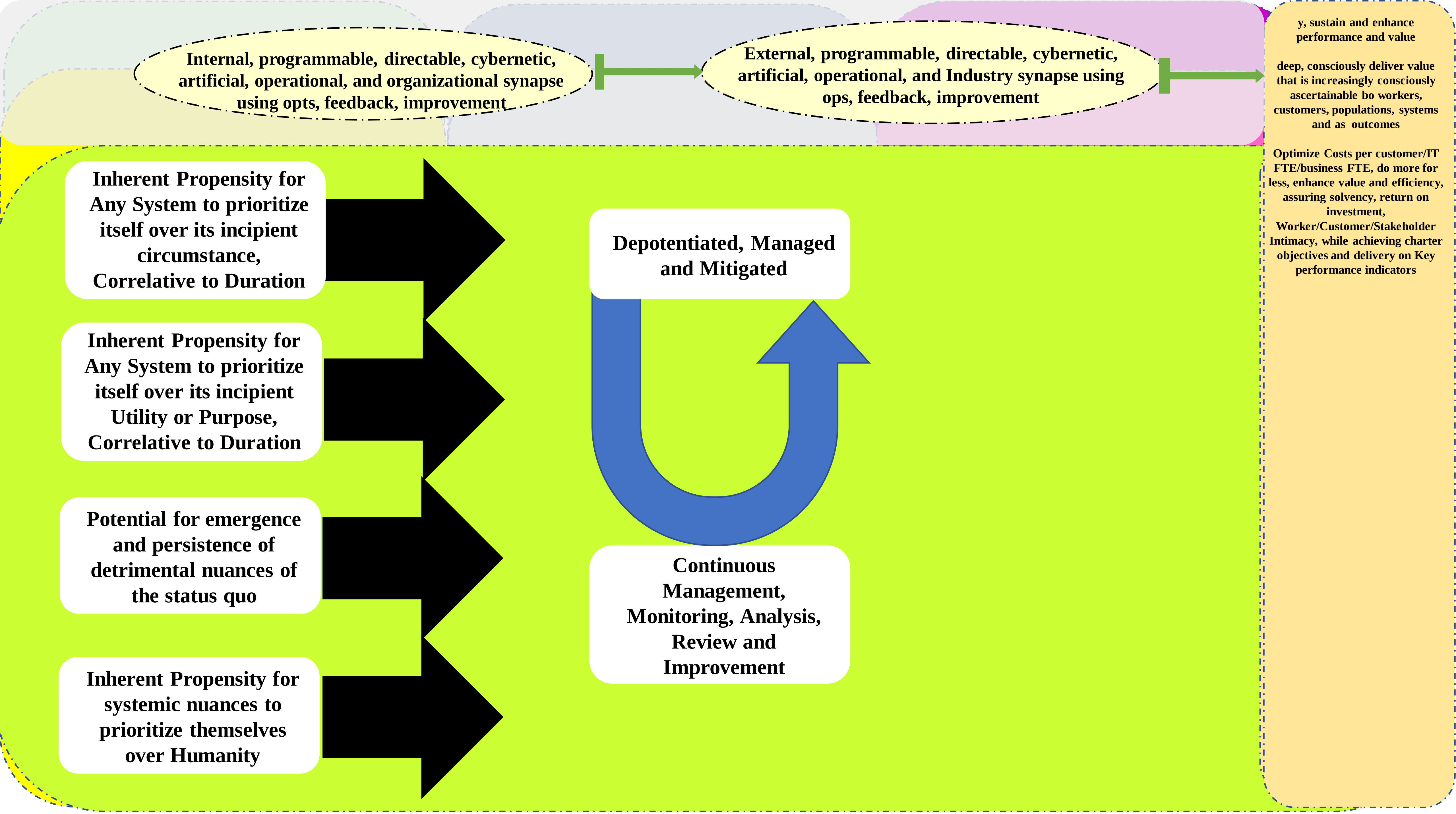
Product or Service

Change

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

Inherent Propensity for Any System to prioritize itself over its incipient circumstance, Correlative to Duration

Inherent Propensity for Any System to prioritize itself over its incipient Utility or Purpose, Correlative to Duration

Potential for emergence and persistence of detrimental nuances of the status quo

Inherent Propensity for systemic nuances to prioritize themselves over Humanity

Depotentiated, Managed and Mitigated

Continuous Management, Monitoring, Analysis, Review and Improvement

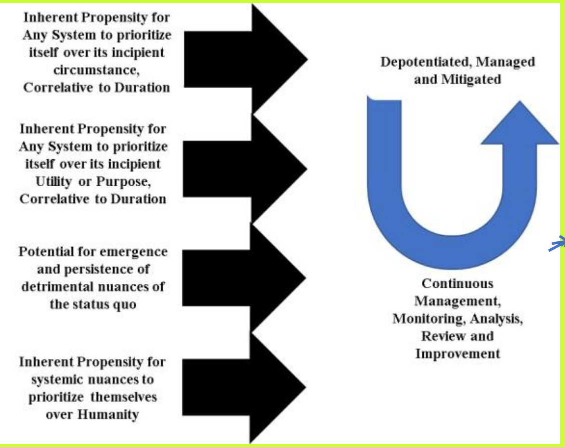
Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators


Inherent Propensity for Any System to prioritize itself over its incipient circumstance, Correlative to Duration
Inherent Propensity for Any System to prioritize itself over its incipient Utility or Purpose, Correlative to Duration
Potential for emergence and persistence of detrimental nuances of the status quo
Inherent Propensity for systemic nuances to prioritize themselves over Humanity
Depotentiated, Managed and Mitigated
Continuous Management, Monitoring, Analysis, Review and Improvement

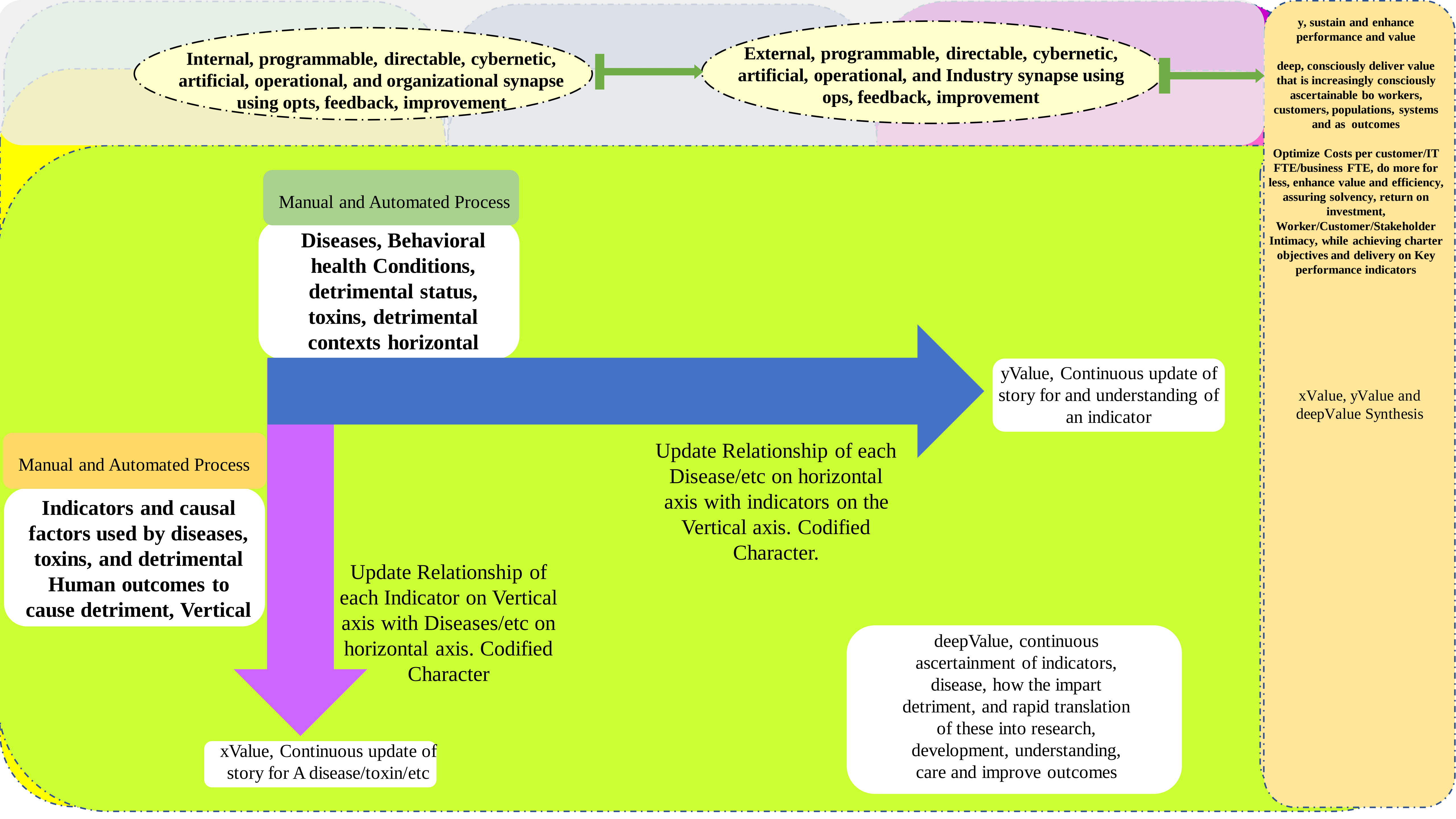
Strategy

Systemic

Organizational

Operational

Clinical



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

xValue, yValue and deepValue Synthesis

Manual and Automated Process

Diseases, Behavioral health Conditions, detrimental status, toxins, detrimental contexts horizontal

yValue, Continuous update of story for and understanding of an indicator

Update Relationship of each Disease/etc on horizontal axis with indicators on the Vertical axis. Codified Character.

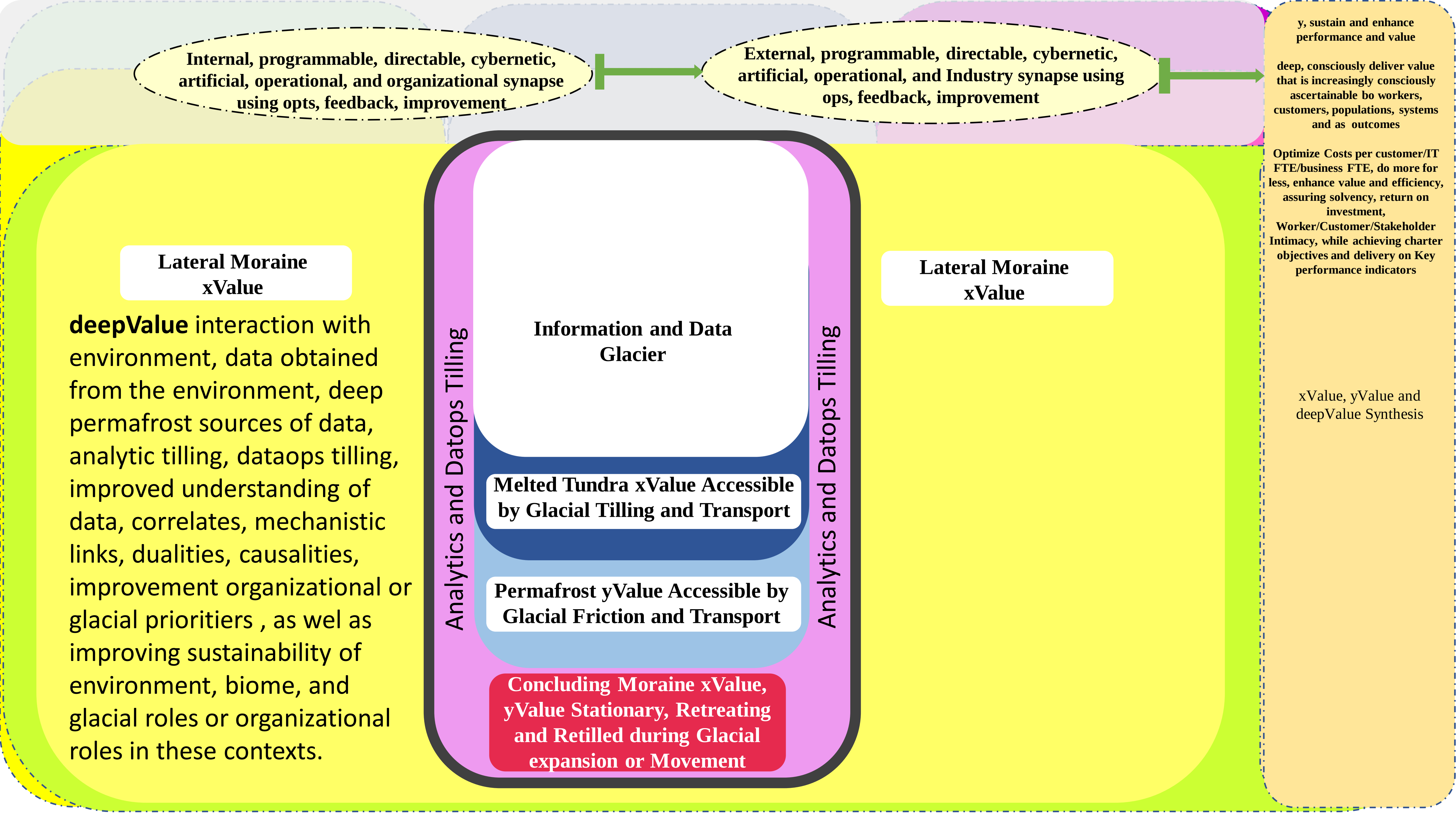
Manual and Automated Process

Indicators and causal factors used by diseases, toxins, and detrimental Human outcomes to cause detriment, Vertical

Update Relationship of each Indicator on Vertical axis with Diseases/etc on horizontal axis. Codified Character

xValue, Continuous update of story for A disease/toxin/etc

deepValue, continuous ascertainment of indicators, disease, how the impart detriment, and rapid translation of these into research, development, understanding, care and improve outcomes



Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

Lateral Moraine xValue

deepValue interaction with environment, data obtained from the environment, deep permafrost sources of data, analytic tilling, dataops tilling, improved understanding of data, correlates, mechanistic links, dualities, causalities, improvement organizational or glacial prioritiers , as wel as improving sustainability of environment, biome, and glacial roles or organizational roles in these contexts.

Analytics and Datops Tilling

Information and Data Glacier

Melted Tundra xValue Accessible by Glacial Tilling and Transport

Permafrost yValue Accessible by Glacial Friction and Transport

Concluding Moraine xValue, yValue Stationary, Retreating and Retilled during Glacial expansion or Movement

Analytics and Datops Tilling

Lateral Moraine xValue

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

xValue, yValue and deepValue Synthesis

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

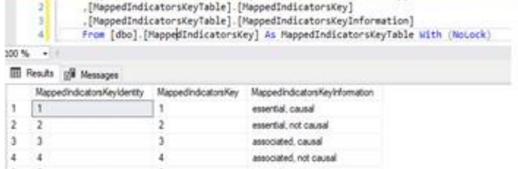
Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

xValue, yValue and deepValue Synthesis

Translational Wellness Insight, Ideation, Derivitization, Mechanistic Link and Correlates

mapping between indicators and Conditions, Toxic Factors, Circumstances. 130+ indicators and increase. Hundreds of thousands of factors.

Indicator Relevance Key



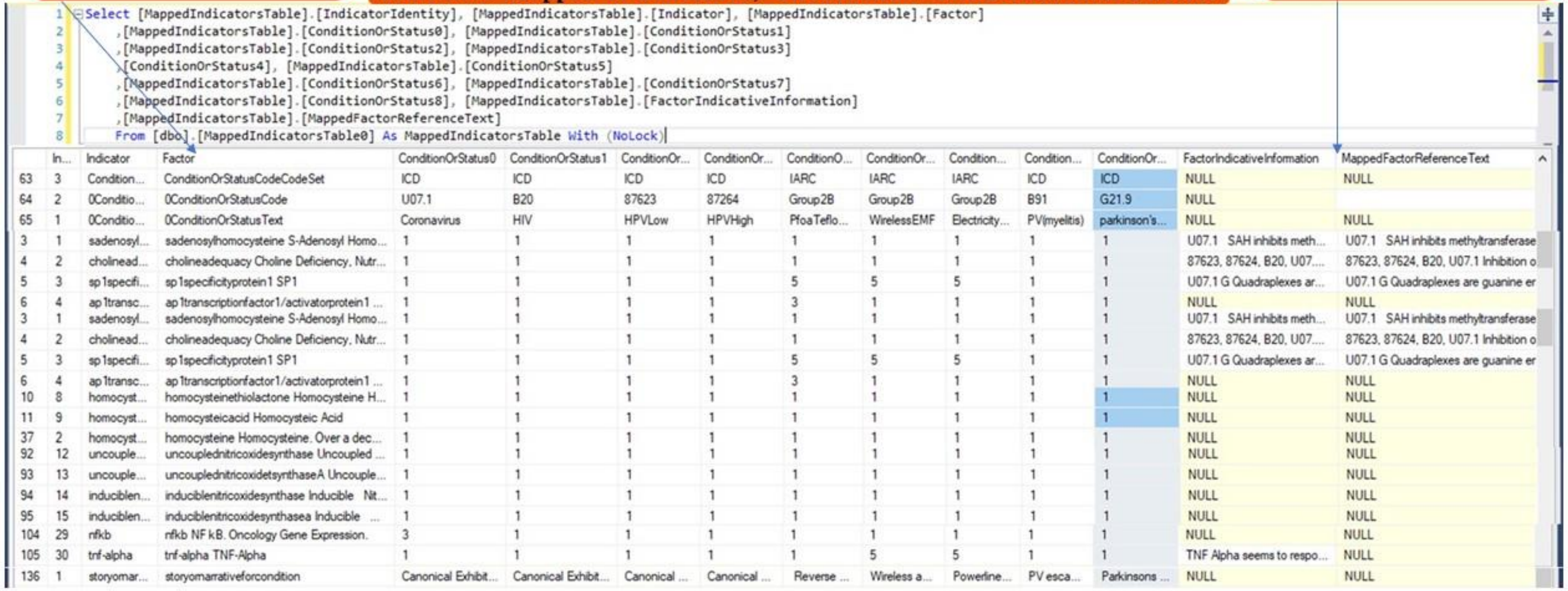
```
Select [MappedIndicatorsKeyTable].[MappedIndicatorsKeyIdentity]
     ,[MappedIndicatorsKeyTable].[MappedIndicatorsKey]
     ,[MappedIndicatorsKeyTable].[MappedIndicatorsKeyInformation]
     From [dbo].[MappedIndicatorsKey] As MappedIndicatorsKeyTable With (NoLock)
```

	MappedIndicatorsKeyIdentity	MappedIndicatorsKey	MappedIndicatorsKeyInformation
1	1	1	essential, causal
2	2	2	essential, not causal
3	3	3	associated, causal
4	4	4	associated, not causal
5	5	5	inversely associated

Cumulative, persistently updated understanding of a diagnosis, disease, symptom, chemical, circumstance with each indicator analyzed for that indicators participation

Indicators Mapped to Conditions, Circumstance and Detrimental Factors

Cumulative, persistently updated understanding of an indicator with each disease analyzed for that indicators participation



```
Select [MappedIndicatorsTable].[IndicatorIdentity], [MappedIndicatorsTable].[Indicator], [MappedIndicatorsTable].[Factor]
     ,[MappedIndicatorsTable].[ConditionOrStatus0], [MappedIndicatorsTable].[ConditionOrStatus1]
     ,[MappedIndicatorsTable].[ConditionOrStatus2], [MappedIndicatorsTable].[ConditionOrStatus3]
     ,[ConditionOrStatus4], [MappedIndicatorsTable].[ConditionOrStatus5]
     ,[MappedIndicatorsTable].[ConditionOrStatus6], [MappedIndicatorsTable].[ConditionOrStatus7]
     ,[MappedIndicatorsTable].[ConditionOrStatus8], [MappedIndicatorsTable].[FactorIndicativeInformation]
     ,[MappedIndicatorsTable].[MappedFactorReferenceText]
     From [dbo].[MappedIndicatorsTable0] As MappedIndicatorsTable With (NoLock)
```

	In...	Indicator	Factor	ConditionOrStatus0	ConditionOrStatus1	ConditionOr...	ConditionOr...	ConditionO...	ConditionOr...	Condition...	Condition...	ConditionOr...	FactorIndicativeInformation	MappedFactorReferenceText
63	3	Condition...	ConditionOrStatusCodeCodeSet	ICD	ICD	ICD	ICD	IARC	IARC	IARC	ICD	ICD	NULL	NULL
64	2	0Conditio...	0ConditionOrStatusCode	U07.1	B20	87623	87264	Group2B	Group2B	Group2B	B91	G21.9	NULL	
65	1	0Conditio...	0ConditionOrStatusText	Coronavirus	HIV	HPVLow	HPVHigh	PfoaTeflo...	WirelessEMF	Electricity...	PV(myelitis)	parkinson's...	NULL	NULL
3	1	sadenosyl...	sadenosylhomocysteine S-Adenosyl Homo...	1	1	1	1	1	1	1	1	1	U07.1 SAH inhibits meth...	U07.1 SAH inhibits methyltransferase
4	2	cholinead...	cholineadequacy Choline Deficiency, Nutr...	1	1	1	1	1	1	1	1	1	87623, 87624, B20, U07....	87623, 87624, B20, U07.1 Inhibition o
5	3	sp1specifi...	sp1specificityprotein1 SP1	1	1	1	1	5	5	5	1	1	U07.1 G Quadraplexes ar...	U07.1 G Quadraplexes are guanine er
6	4	ap1transc...	ap1transcriptionfactor1/activatorprotein1 ...	1	1	1	1	3	1	1	1	1	NULL	NULL
3	1	sadenosyl...	sadenosylhomocysteine S-Adenosyl Homo...	1	1	1	1	1	1	1	1	1	U07.1 SAH inhibits meth...	U07.1 SAH inhibits methyltransferase
4	2	cholinead...	cholineadequacy Choline Deficiency, Nutr...	1	1	1	1	1	1	1	1	1	87623, 87624, B20, U07....	87623, 87624, B20, U07.1 Inhibition o
5	3	sp1specifi...	sp1specificityprotein1 SP1	1	1	1	1	5	5	5	1	1	U07.1 G Quadraplexes ar...	U07.1 G Quadraplexes are guanine er
6	4	ap1transc...	ap1transcriptionfactor1/activatorprotein1 ...	1	1	1	1	3	1	1	1	1	NULL	NULL
10	8	homocyst...	homocysteinethiolactone Homocysteine H...	1	1	1	1	1	1	1	1	1	NULL	NULL
11	9	homocyst...	homocysteicacid Homocysteic Acid	1	1	1	1	1	1	1	1	1	NULL	NULL
37	2	homocyst...	homocysteine Homocysteine. Over a dec...	1	1	1	1	1	1	1	1	1	NULL	NULL
92	12	uncouple...	uncouplednitricoxidesynthase Uncoupled ...	1	1	1	1	1	1	1	1	1	NULL	NULL
93	13	uncouple...	uncouplednitricoxidetsynthaseA Uncouple...	1	1	1	1	1	1	1	1	1	NULL	NULL
94	14	induciblen...	induciblenitricoxidesynthase Inducible Nit...	1	1	1	1	1	1	1	1	1	NULL	NULL
95	15	induciblen...	induciblenitricoxidesynthasea Inducible ...	1	1	1	1	1	1	1	1	1	NULL	NULL
104	29	nfkb	nfkb NF kB. Oncology Gene Expression.	3	1	1	1	1	1	1	1	1	NULL	NULL
105	30	tnf-alpha	tnf-alpha TNF-Alpha	1	1	1	1	1	5	5	1	1	TNF Alpha seems to respo...	NULL
136	1	storyornar...	storyornarrativeforcondition	Canonical Exhibit...	Canonical Exhibit...	Canonical ...	Canonical ...	Reverse ...	Wireless a...	Powerline...	PV esca...	Parkinsons ...	NULL	NULL

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

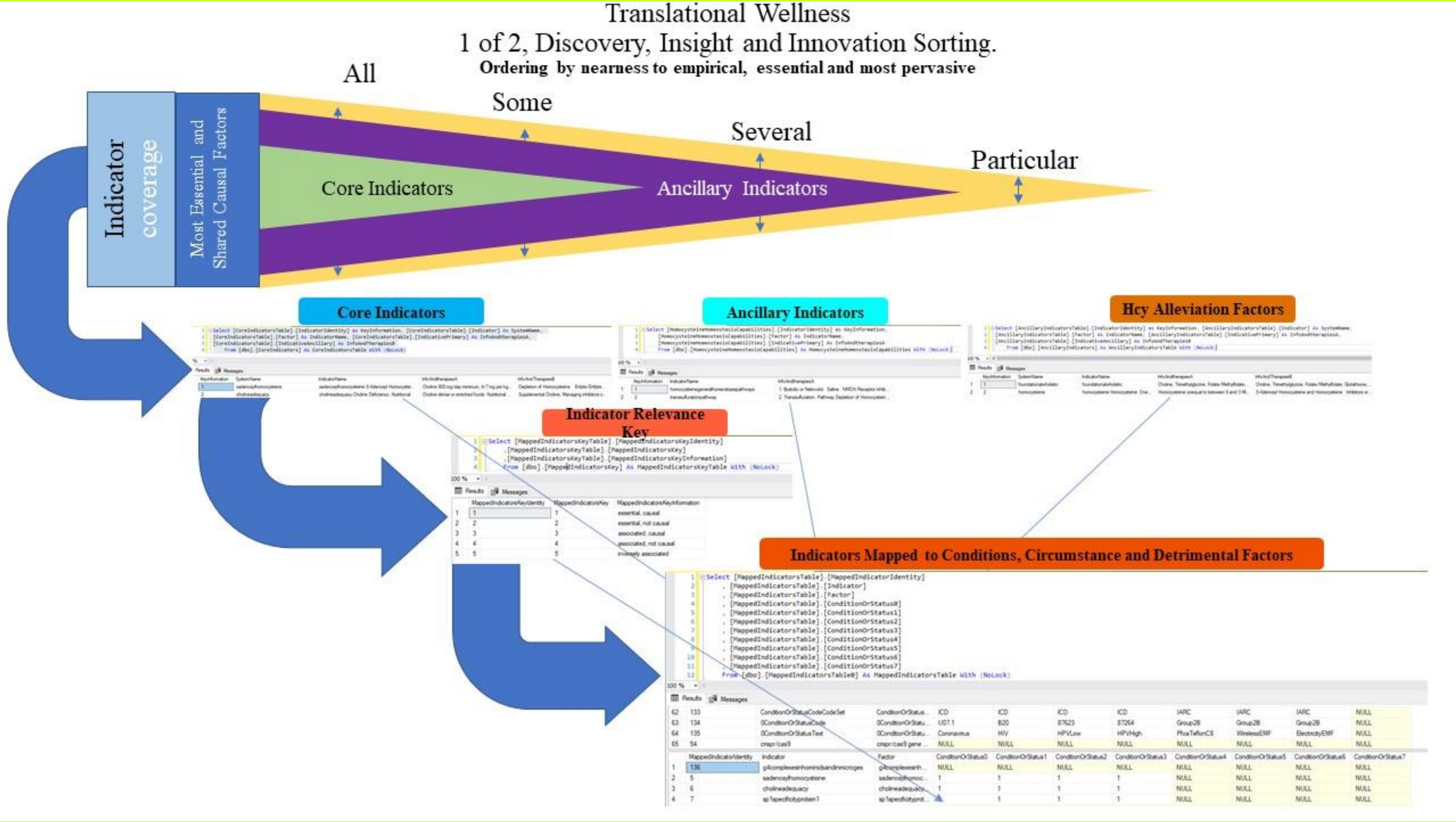
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

xValue, yValue and deepValue Synthesis



Translational Wellness

1 of 2, Discovery, Insight and Innovation Sorting.

Ordering by nearness to empirical, essential and most pervasive

Core Indicators

```
Select [CoreIndicatorsTable].[IndicatorIdentity] as KeyInformation, [CoreIndicatorsTable].[Indicator] As SystemName,
[CoreIndicatorsTable].[Factor] As IndicatorName, [CoreIndicatorsTable].[IndicativePrimary] As InfoAndTherapiesA,
[CoreIndicatorsTable].[IndicativeAncillary] As InfoAndTherapiesB
    From [dbo].[CoreIndicators] As CoreIndicatorsTable With (NoLock)
```

Ancillary Indicators

```
Select [HomocysteineHomeostasisCapabilities].[IndicatorIdentity] as KeyInformation,
    [HomocysteineHomeostasisCapabilities].[Factor] As IndicatorName,
    [HomocysteineHomeostasisCapabilities].[IndicativePrimary] As InfoAndTherapiesA
    From [dbo].[HomocysteineHomeostasisCapabilities] As HomocysteineHomeostasisCapabilities With (NoLock)
```

Hcy Alleviation Factors

```
Select [AncillaryIndicatorsTable].[IndicatorIdentity] as KeyInformation, [AncillaryIndicatorsTable].[Indicator] As SystemName,
[AncillaryIndicatorsTable].[Factor] As IndicatorName, [AncillaryIndicatorsTable].[IndicativePrimary] As InfoAndTherapiesA,
[AncillaryIndicatorsTable].[IndicativeAncillary] As InfoAndTherapiesB
    From [dbo].[AncillaryIndicators] As AncillaryIndicatorsTable With (NoLock)
```

Indicator Relevance Key

```
Select [MappedIndicatorsKeyTable].[MappedIndicatorsKeyIdentity]
    ,[MappedIndicatorsKeyTable].[MappedIndicatorsKey]
    ,[MappedIndicatorsKeyTable].[MappedIndicatorsKeyInformation]
    From [dbo].[MappedIndicatorsKey] As MappedIndicatorsKeyTable With (NoLock)
```

```
   MappedIndicatorsKeyIdentity  MappedIndicatorsKey  MappedIndicatorsKeyInformation
1  1                            1                    essential, causal
2  2                            2                    essential, not causal
3  3                            3                    associated, causal
4  4                            4                    associated, not causal
5  5                            5                    inversely associated
```

Indicators Mapped to Conditions, Circumstance and Detrimental Factors

```
Select [MappedIndicatorsTable].[MappedIndicatorIdentity]
    , [MappedIndicatorsTable].[Indicator]
    , [MappedIndicatorsTable].[Factor]
    , [MappedIndicatorsTable].[ConditionOrStatus0]
    , [MappedIndicatorsTable].[ConditionOrStatus1]
    , [MappedIndicatorsTable].[ConditionOrStatus2]
    , [MappedIndicatorsTable].[ConditionOrStatus3]
    , [MappedIndicatorsTable].[ConditionOrStatus4]
    , [MappedIndicatorsTable].[ConditionOrStatus5]
    , [MappedIndicatorsTable].[ConditionOrStatus6]
    , [MappedIndicatorsTable].[ConditionOrStatus7]
  From [dbo].[MappedIndicatorsTable0] As MappedIndicatorsTable With (NoLock)
```

```
62  133  ConditionOrStatusCodeCodeSet     ConditionOrStatus...  ICD                 ICD                 ICD                 ICD                 IARC                IARC                IARC                NULL
63  134  0ConditionOrStatusCode           0ConditionOrStatu...  U07.1               B20                 87623               87264               Group2B             Group2B             Group2B             NULL
64  135  0ConditionOrStatusText           0ConditionOrStatu...  Coronavirus         HIV                 HPVLow              HPVHigh             PfoaTeflonC8        WirelessEMF         ElectricityEMF      NULL
65  54   crispr/cas9                      crispr/cas9 gene ...  NULL                NULL                NULL                NULL                NULL                NULL                NULL                NULL
   MappedIndicatorIdentity  Indicator                        Factor                ConditionOrStatus0  ConditionOrStatus1  ConditionOrStatus2  ConditionOrStatus3  ConditionOrStatus4  ConditionOrStatus5  ConditionOrStatus6  ConditionOrStatus7
1  136                      g4complexesinhominidsandmicroges g4complexesinh...     NULL                NULL                NULL                NULL                NULL                NULL                NULL                NULL
2  5                        sadenosylhomocysteine            sadenosylhomoc...     1                   1                   1                   1                   NULL                NULL                NULL                NULL
3  6                        cholineadequacy                  cholineadequacy...    1                   1                   1                   1                   NULL                NULL                NULL                NULL
4  7                        ap1apecificityprotein1           ap1apecificityprot...                     1                   1                   1                   NULL                NULL                NULL                NULL
```

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

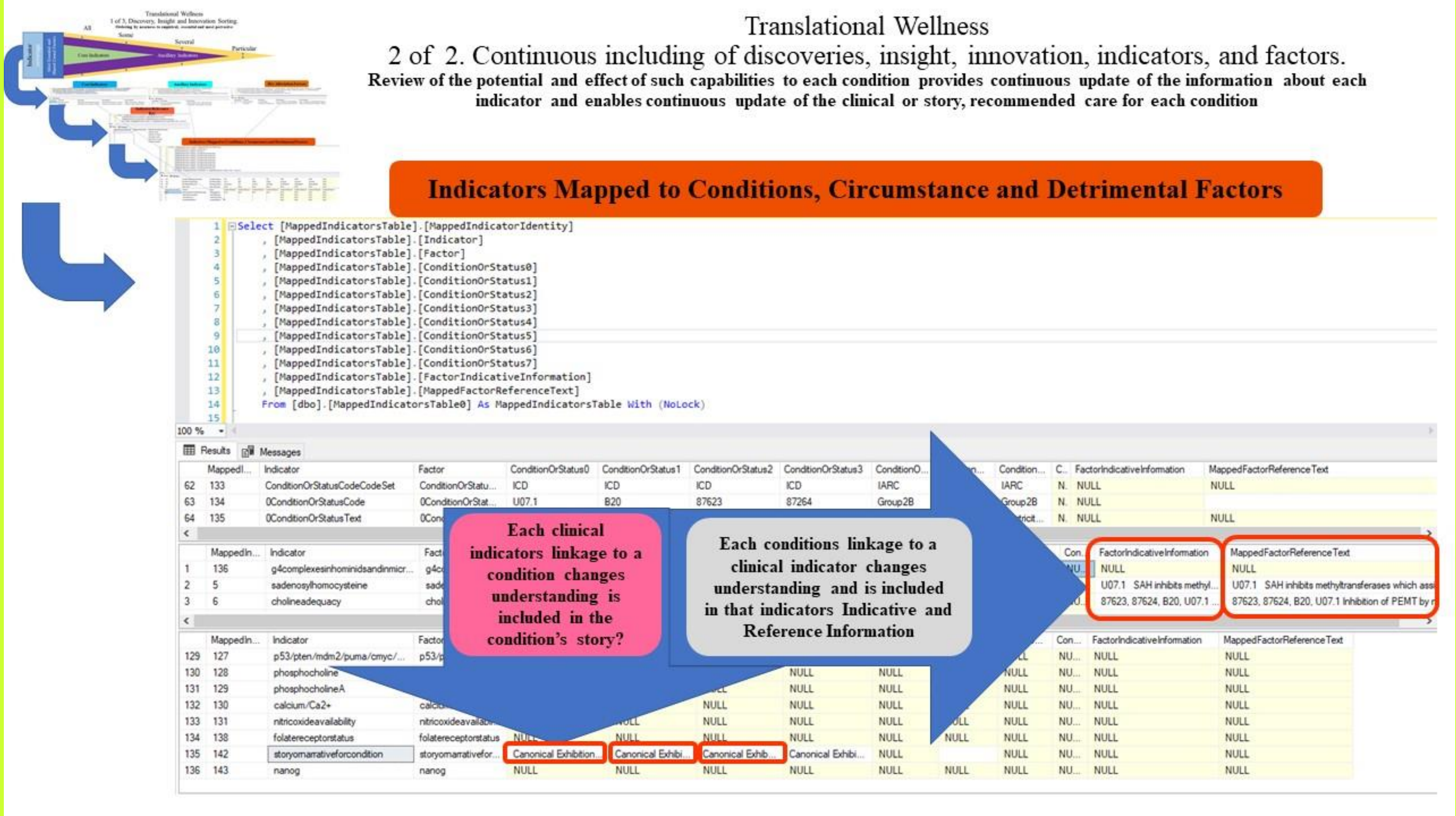
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciously deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

xValue, yValue and deepValue Synthesis



Translational Wellness

2 of 2. Continuous including of discoveries, insight, innovation, indicators, and factors.

Review of the potential and effect of such capabilities to each condition provides continuous update of the information about each indicator and enables continuous update of the clinical or story, recommended care for each condition

Indicators Mapped to Conditions, Circumstance and Detrimental Factors

```
Select [MappedIndicatorsTable].[MappedIndicatorIdentity]
     , [MappedIndicatorsTable].[Indicator]
     , [MappedIndicatorsTable].[Factor]
     , [MappedIndicatorsTable].[ConditionOrStatus0]
     , [MappedIndicatorsTable].[ConditionOrStatus1]
     , [MappedIndicatorsTable].[ConditionOrStatus2]
     , [MappedIndicatorsTable].[ConditionOrStatus3]
     , [MappedIndicatorsTable].[ConditionOrStatus4]
     , [MappedIndicatorsTable].[ConditionOrStatus5]
     , [MappedIndicatorsTable].[ConditionOrStatus6]
     , [MappedIndicatorsTable].[ConditionOrStatus7]
     , [MappedIndicatorsTable].[FactorIndicativeInformation]
     , [MappedIndicatorsTable].[MappedFactorReferenceText]
     From [dbo].[MappedIndicatorsTable0] As MappedIndicatorsTable With (NoLock)
```

100 %

Results | Messages

	MappedI...	Indicator	Factor	ConditionOrStatus0	ConditionOrStatus1	ConditionOrStatus2	ConditionOrStatus3	ConditionO...	...n...	Condition...	C...	FactorIndicativeInformation	MappedFactorReferenceText
62	133	ConditionOrStatusCodeCodeSet	ConditionOrStatu...	ICD	ICD	ICD	ICD	IARC		IARC	N.	NULL	NULL
63	134	0ConditionOrStatusCode	0ConditionOrStat...	U07.1	B20	87623	87264	Group2B		Group2B	N.	NULL	
64	135	0ConditionOrStatusText	0Con							...tricit...	N.	NULL	NULL

	MappedIn...	Indicator	Fact	Con...	FactorIndicativeInformation	MappedFactorReferenceText
1	136	g4complexesinhominidsandinmicr...	g4c	NU...	NULL	NULL
2	5	sadenosylhomocysteine	sade		U07.1 SAH inhibits methyl...	U07.1 SAH inhibits methyltransferases which ass
3	6	cholineadequacy	chol	...U...	87623, 87624, B20, U07.1 ...	87623, 87624, B20, U07.1 Inhibition of PEMT by r

	MappedIn...	Indicator	Factor							...	Con...	FactorIndicativeInformation	MappedFactorReferenceText
129	127	p53/pten/mdm2/puma/cmyc/...	p53/p							...LL	NU...	NULL	NULL
130	128	phosphocholine					NULL	NULL		NULL	NU...	NULL	NULL
131	129	phosphocholineA				...LL	NULL	NULL		NULL	NU...	NULL	NULL
132	130	calcium/Ca2+	calci...			NULL	NULL	NULL		NULL	NU...	NULL	NULL
133	131	nitricoxideavailability	nitricoxideavailab...		...LL	NULL	NULL	NULL	...LL	NULL	NU...	NULL	NULL
134	138	folatereceptorstatus	folatereceptorstatus	NUL...	NULL	NULL	NULL	NULL	NULL	NULL	NU...	NULL	NULL
135	142	storyornarrativeforcondition	storyornarrativefor...	Canonical Exhibition...	Canonical Exhibi...	Canonical Exhib...	Canonical Exhibi...	NULL		NULL	NU...	NULL	NULL
136	143	nanog	nanog	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NU...	NULL	NULL

Each clinical indicators linkage to a condition changes understanding is included in the condition's story?

Each conditions linkage to a clinical indicator changes understanding and is included in that indicators Indicative and Reference Information

Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement

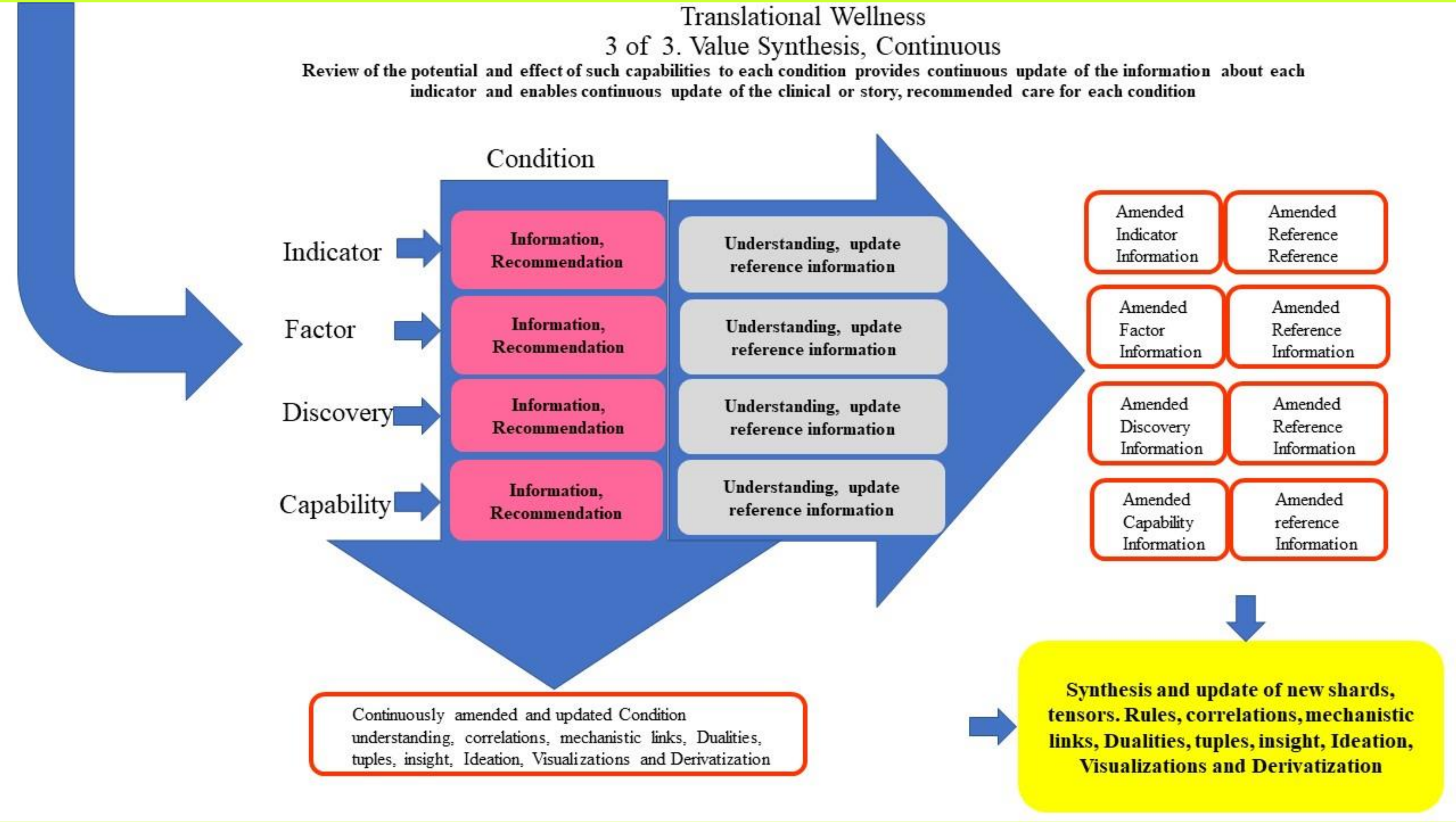
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement

y, sustain and enhance performance and value

deep, consciosly deliver value that is increasingly consciously ascertainable bo workers, customers, populations, systems and as outcomes

Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

xValue, yValue and deepValue Synthesis



Translational Wellness

3 of 3. Value Synthesis, Continuous

Review of the potential and effect of such capabilities to each condition provides continuous update of the information about each indicator and enables continuous update of the clinical or story, recommended care for each condition

Condition

	Condition	
Indicator	**Information, Recommendation**	**Understanding, update reference information**
Factor	**Information, Recommendation**	**Understanding, update reference information**
Discovery	**Information, Recommendation**	**Understanding, update reference information**
Capability	**Information, Recommendation**	**Understanding, update reference information**

Amended Indicator Information	Amended Reference Reference
Amended Factor Information	Amended Reference Information
Amended Discovery Information	Amended Reference Information
Amended Capability Information	Amended reference Information

Continuously amended and updated Condition understanding, correlations, mechanistic links, Dualities, tuples, insight, Ideation, Visualizations and Derivatization

Synthesis and update of new shards, tensors. Rules, correlations, mechanistic links, Dualities, tuples, insight, Ideation, Visualizations and Derivatization