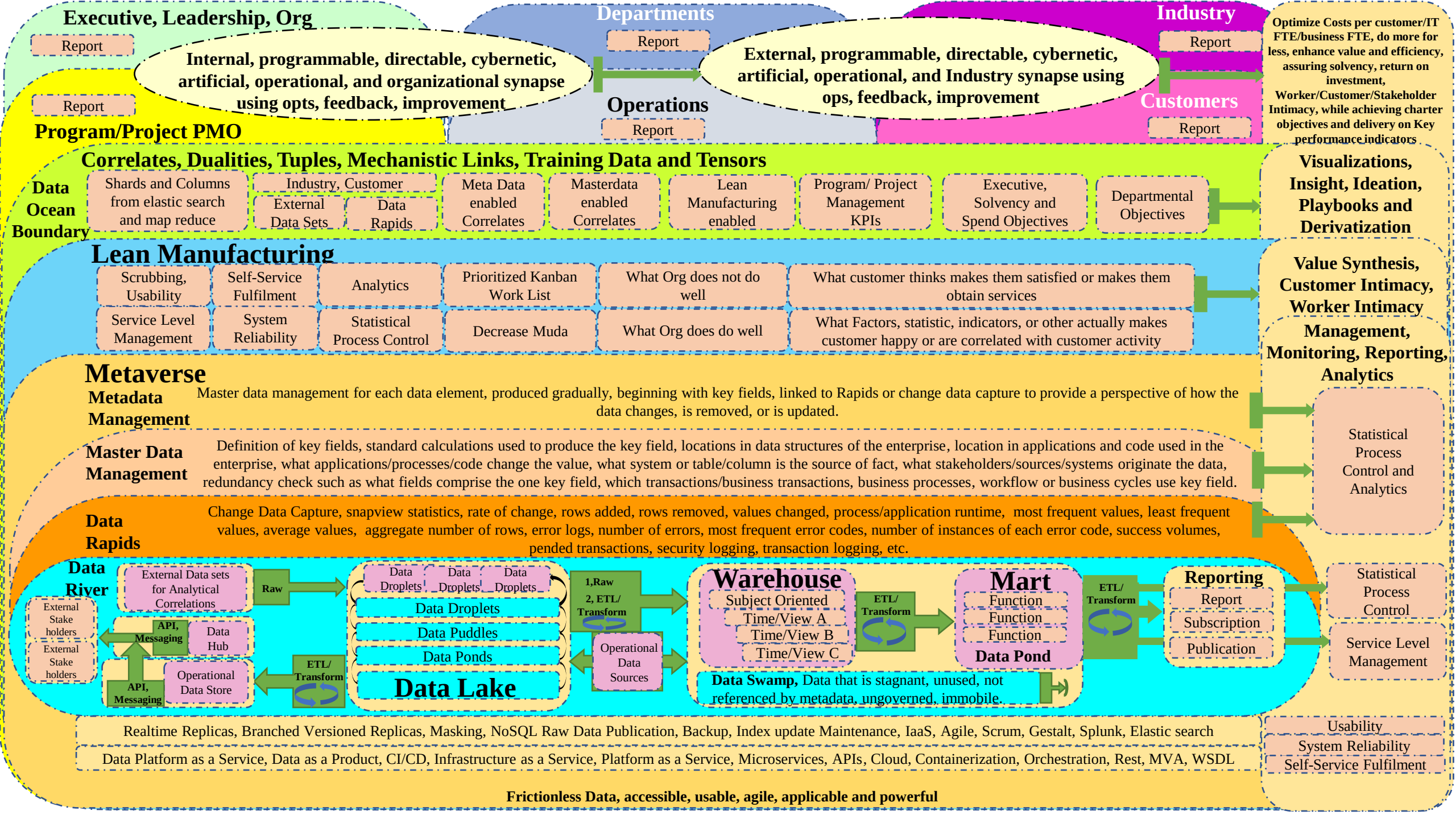

Executive, Leadership, Org
Report
Departments
Report
Industry
Report
Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement
External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using 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
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
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
External Stake holders
External Stake holders
API, Messaging
Data Hub
API, Messaging
Operational Data Store
ETL/ Transform
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

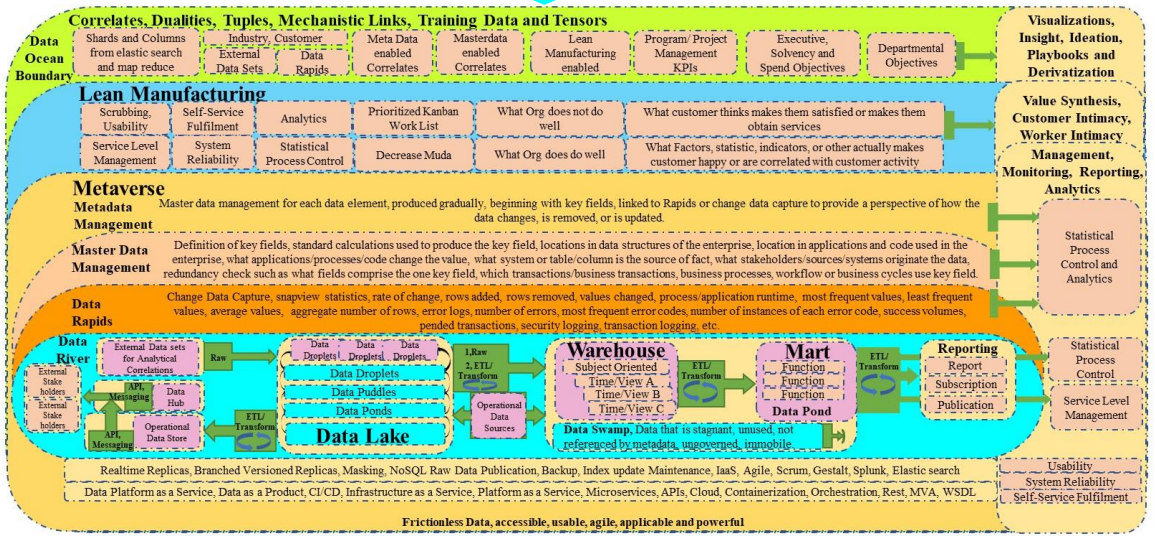
Policy or On Demand Completion

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,

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

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

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



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

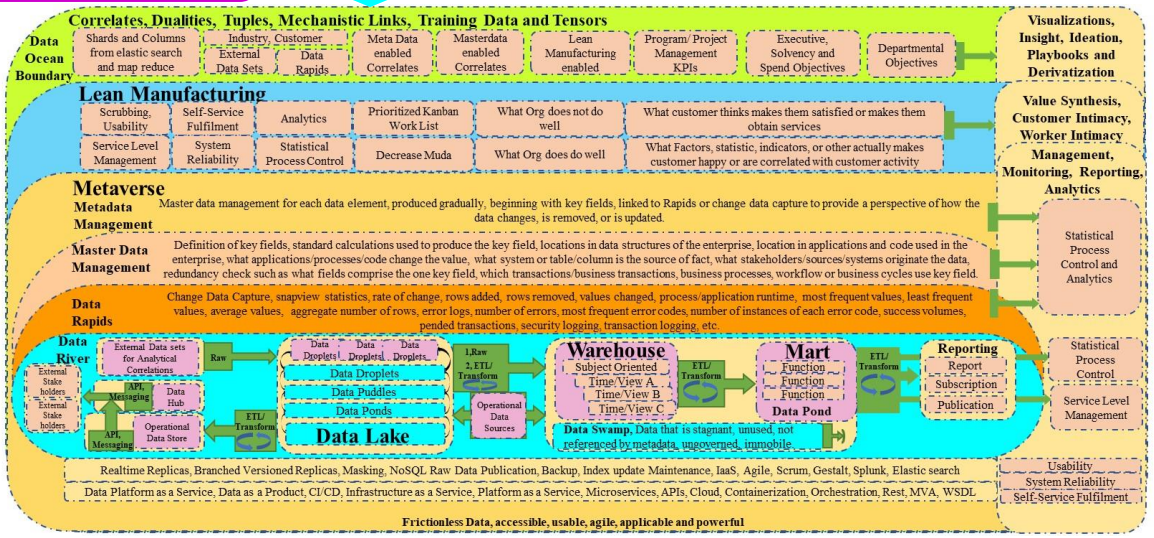
Analytics, Visualization, Insight, Ideation, Derivatization, Graphs, Sigmoids, Views, Reports, Columns, Schards, SCD2,3,4,6 for changing data, Test Criteria at each subpipe

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



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

Functions, Properties, Methods

Annotated Classes

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

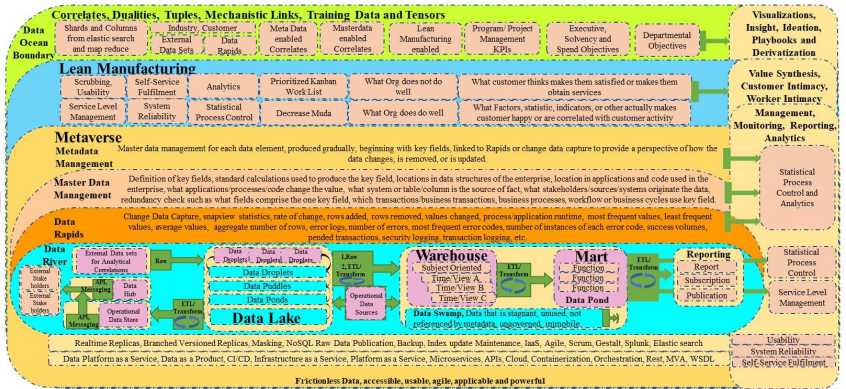
Automated Actions

Prepared SQL

Import/Export

SQL, Visual, Automated Management, Direct Access tools

Database, Datamodel or Model



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.Inv
okedServiceResponse.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/XMLSche
ma-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSche
ma"
xmlns:soap12="http://www.w3.org/2003/05/soap
-envelope">
  <soap:Body>
    <GetUserBalance
xmlns="https://www.website.com/XML/Busines
sDomain/FunctionalDomain/API/">
      <User>75</UserId>
    </Getter>
  </soap:Body>
</soap:Envelope>

dsquery * -filter
"(&(CN=BusinessFunctionalAPIDomainService
ConnectionPointinActiveDirectoryorLDAP)(obje
ctClass=serviceConnectionPoint))"

$ curl
http://APIGatewayServiceConnectionPoint:Port/
APIBusinessFunctionalDomain/Service/Route/G
etterOrSetter

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<AnnotationFromMeth
odDependencyIncjection>("https://api.restfullapi
.io/rest/APIBusinessFunctionalDomain/Interface/
Superclass/");
//or
client.GetFromJsonAsync<GetterorSetter>("http
s://api.restfullapi.io/rest/APIBusinessFunctional
Domain/EncapsulatedbusinessTransactionorBea
n");
Console.WriteLine($"Id: {response.Id}");
Console.WriteLine($"Joke: {response.Value}");
public
AnnotationFromMethodDependencyInjection(str
ing Id, string Value, string Url);
//or
public
EncapsulatedBusinessTransactionOrBeanGetter
OrSetter(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

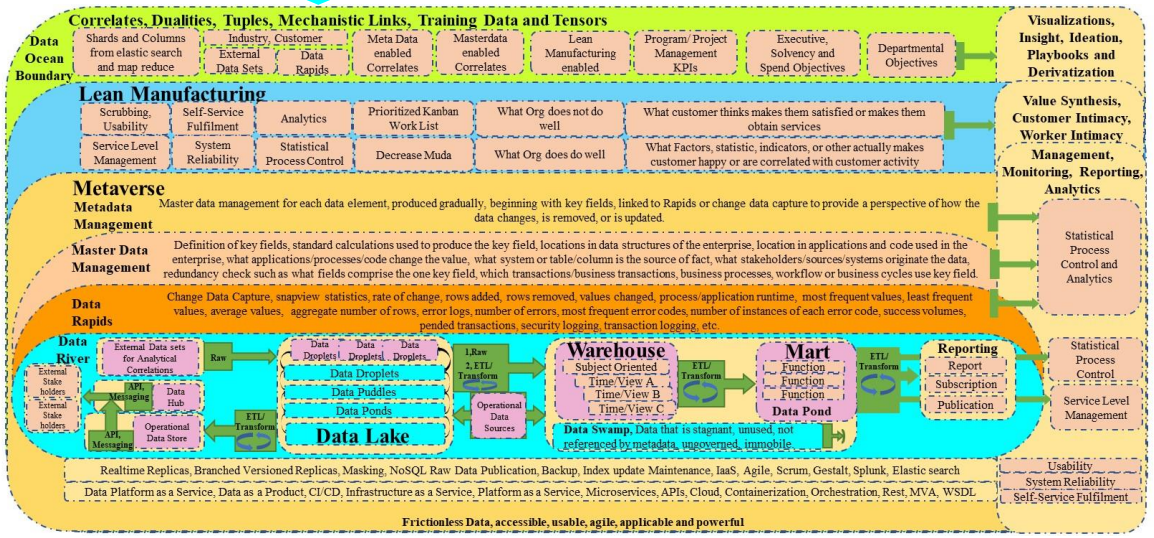
Configure Build or Make, Deployment Orders/Recipes/Schedules as Devops subpipes, using Devops capability or custom pipeline code

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



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

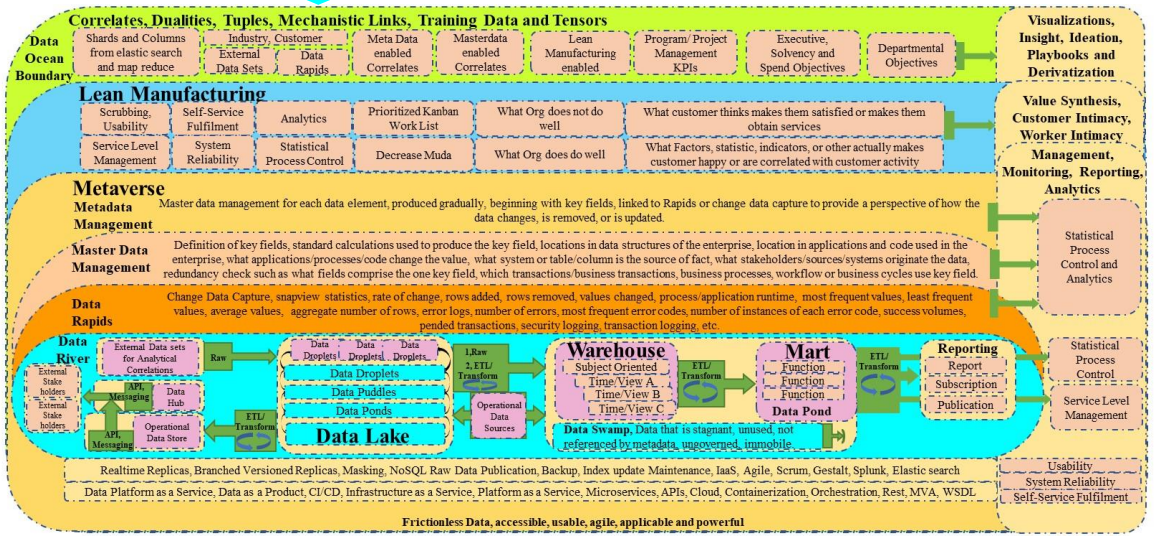
Dataops CI/CD

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



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

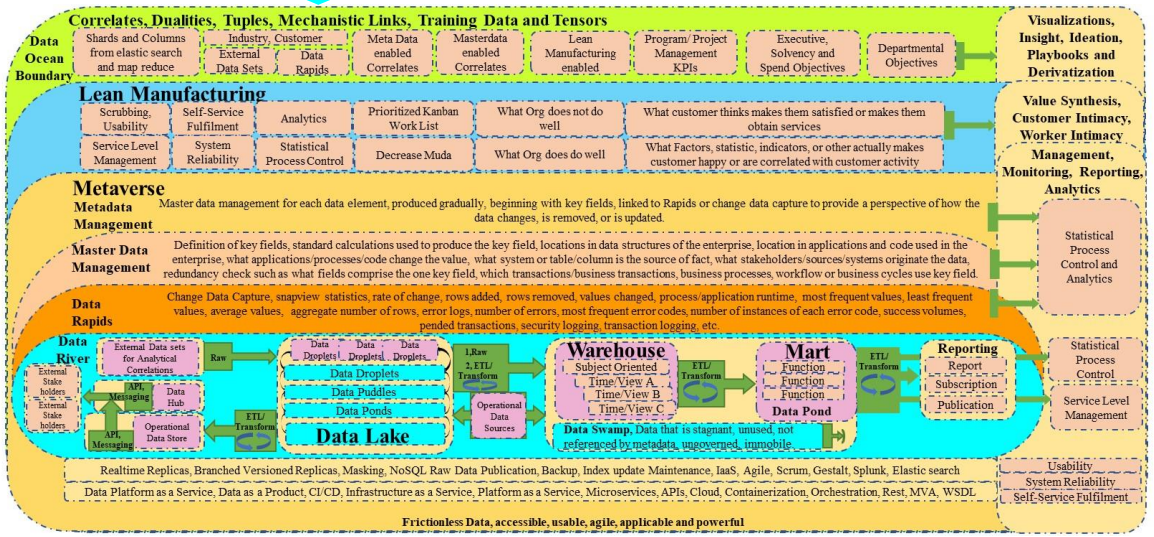
Perform automation pipeline to resolve, replace, scale, or enhance platform capacity, performance or function responsively to events or on demand

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

Enterprise Elastic SRE, Systems Reliability Engineering/Assurance

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,



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.

Enterprise Elastic SRE, Systems Reliability Engineering/Assurance

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

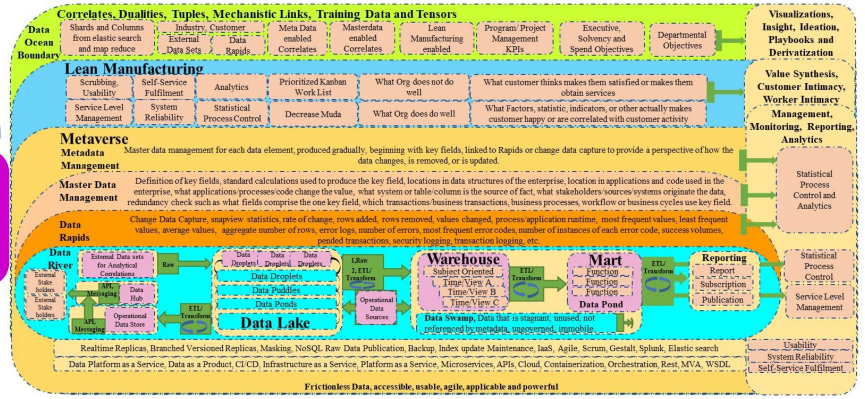
Prepared SQL

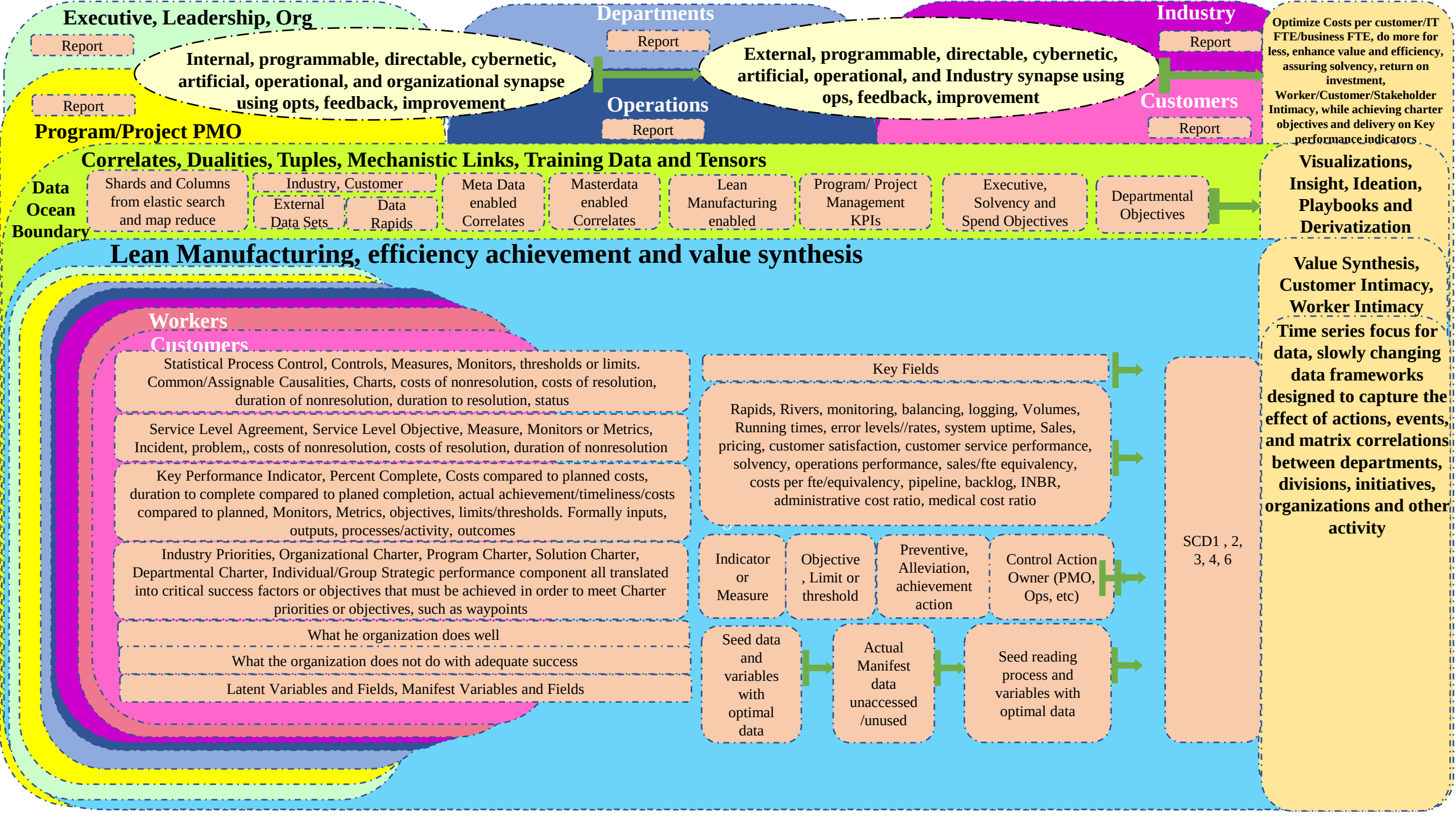
Import/Export

SQL, Visual, Automated Management, Direct Access tools

Database and Tables to Maintain State as Separate Database

Tables to Maintain State within Same Database




Executive, Leadership, Org
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Report
Program/Project PMO
Internal, programmable, directable, cybernetic, artificial, operational, and organizational synapse using opts, feedback, improvement
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External, programmable, directable, cybernetic, artificial, operational, and Industry synapse using ops, feedback, improvement
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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
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Lean Manufacturing enabled
Program/ Project Management KPIs
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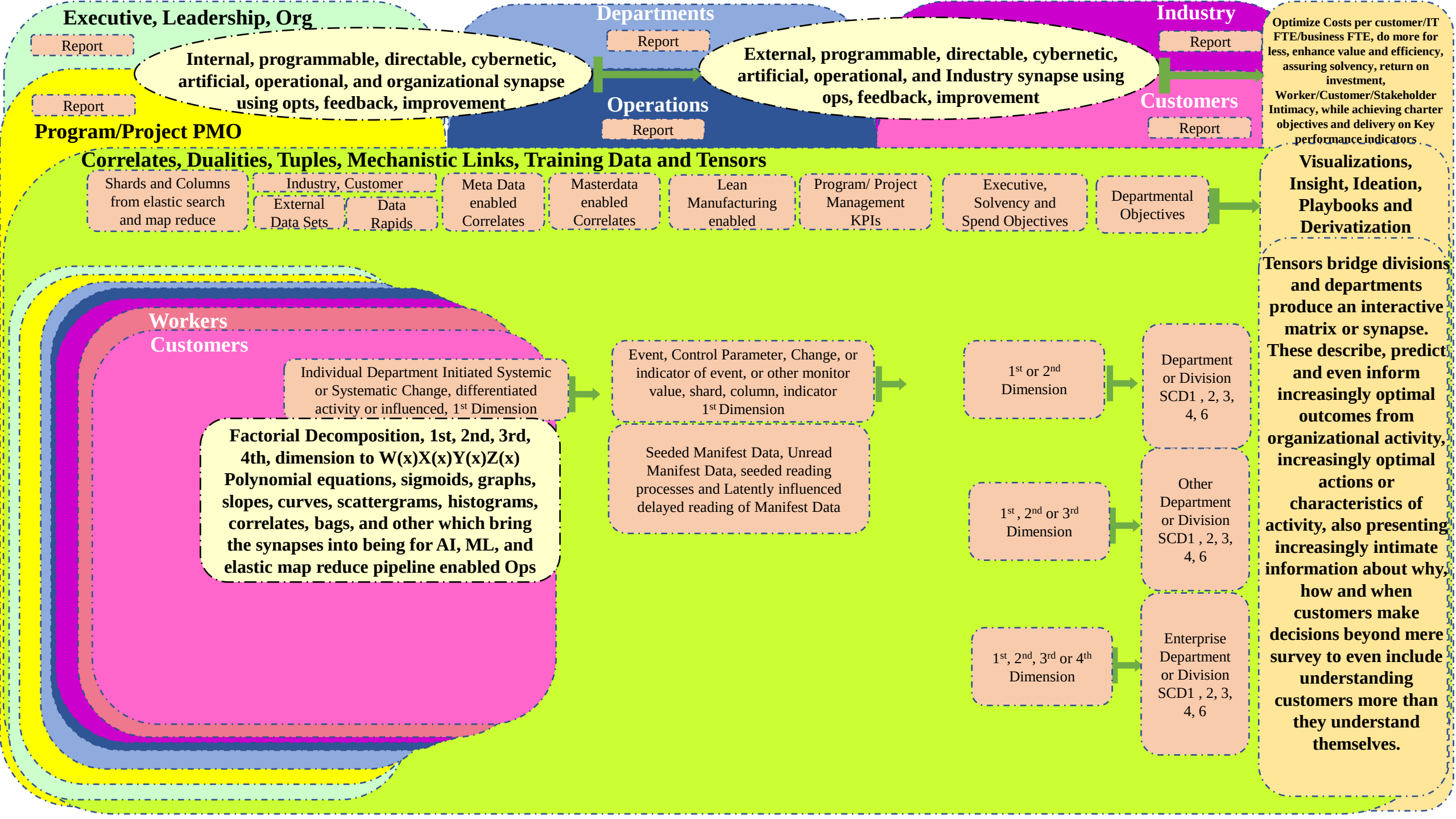
Departmental Objectives
Visualizations, Insight, Ideation, Playbooks and Derivatization
Lean Manufacturing, efficiency achievement and value synthesis
Value Synthesis, Customer Intimacy, Worker Intimacy
Time series focus for data, slowly changing data frameworks designed to capture the effect of actions, 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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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
1st , 2nd or 3rd Dimension
1st, 2nd, 3rd or 4th Dimension
Department or Division SCD1 , 2, 3, 4, 6
Other Department or Division SCD1 , 2, 3, 4, 6
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

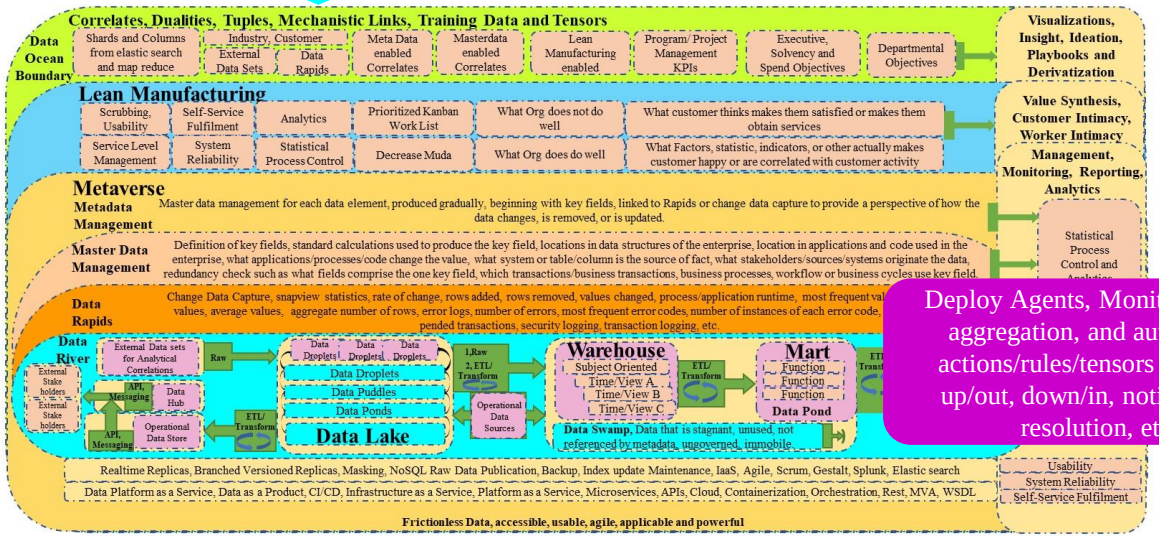
Massivelyparallelmultithreadedasynchrynousseriallyreliantsubpipe subpipeB, subpipedataopsdevopsresourcesprovisionsingpipelineB, subpipeprovisioningresourceslocationsanddimensionsarrayB, subpipeApipeoutoutputfornextsubpipeB, subapipeAbalancingChangeAndMonitoringoutputlocationdefinedbyoriginalsubpipeB, 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.



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

Interorganizational and industry coordination of pipelines, API calls and remote procedure calls

Internal or External Pipeline Component

Internal Pipeline Component

Coalesce of interorganizational pipeline Flow

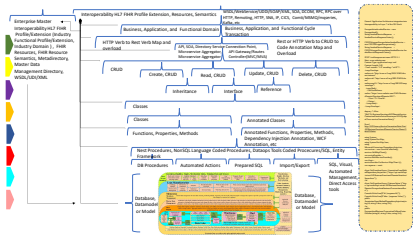
Cleanup, second chance single system, single process, single threaded, serialized retry for unprocessed or excepted input. Masterpipe update and coalesce.

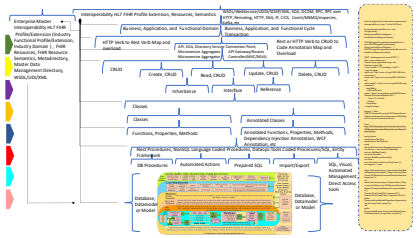
Pipeline Component performed in an other organization

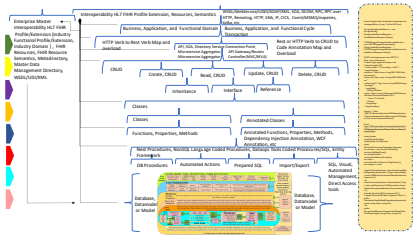
Internal APIs and Remote Procedure Calls

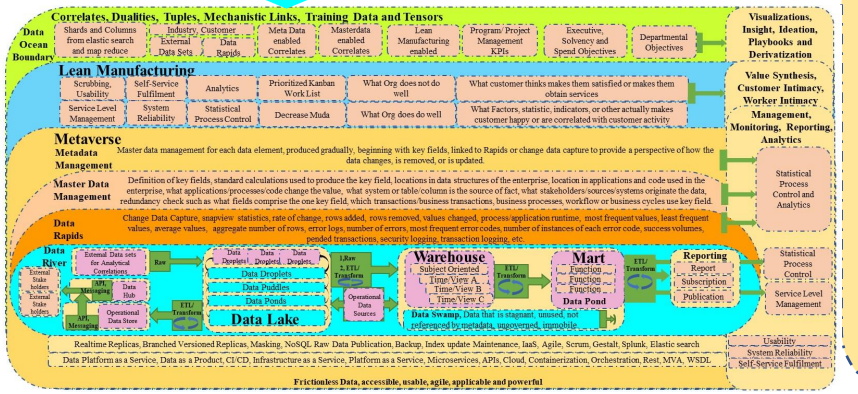
External APIs and Remote Procedure Calls

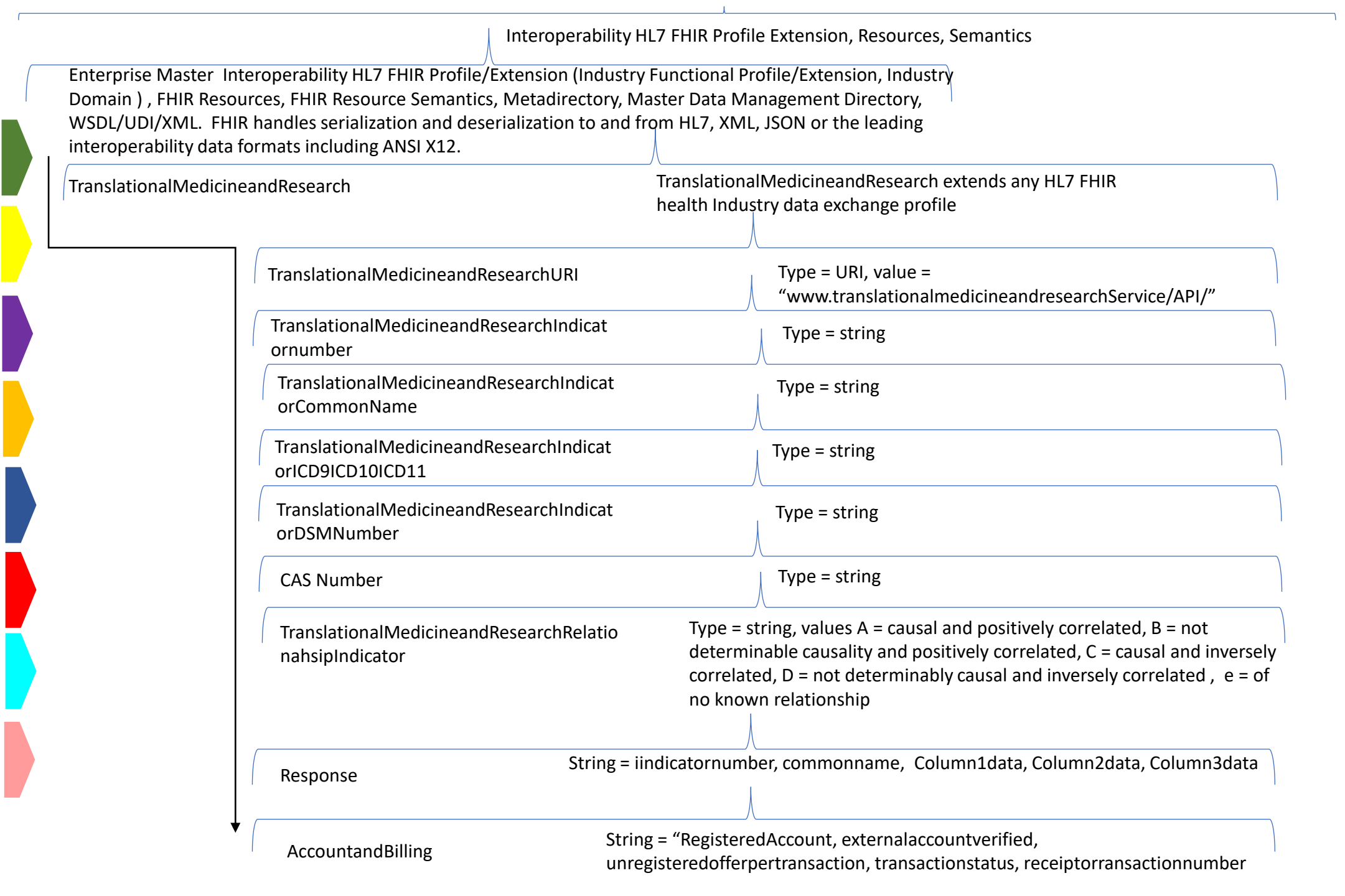
Industry Level APIs and Remote Procedure Calls



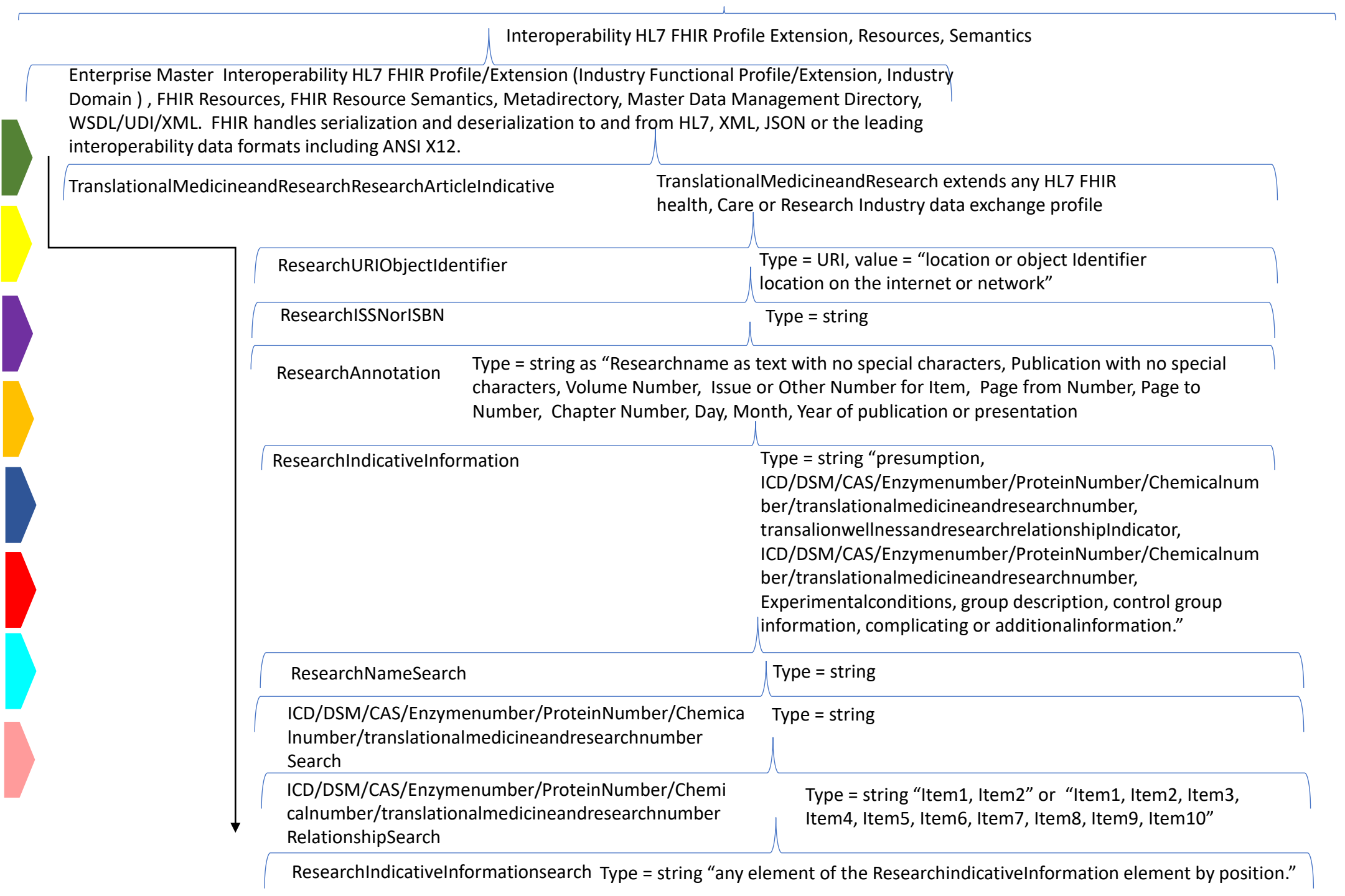








FHIR profiles for translationalmedicine and research dataaceess. Extends any health, wellness, research, claims, or other industry document to enable dynamic integration of translationalwellnessandresearchinformation



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

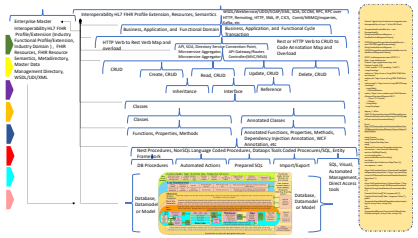
Coalesce of interorganizational pipeline Flow

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

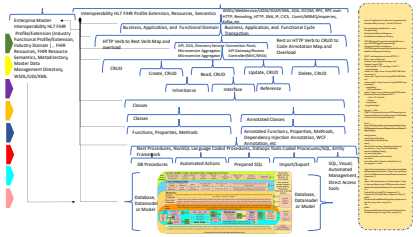
New or updated story, tensor for each indicator

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

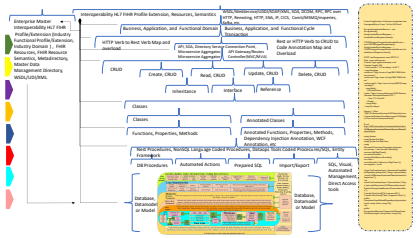
Internal APIs and Remote Procedure Calls

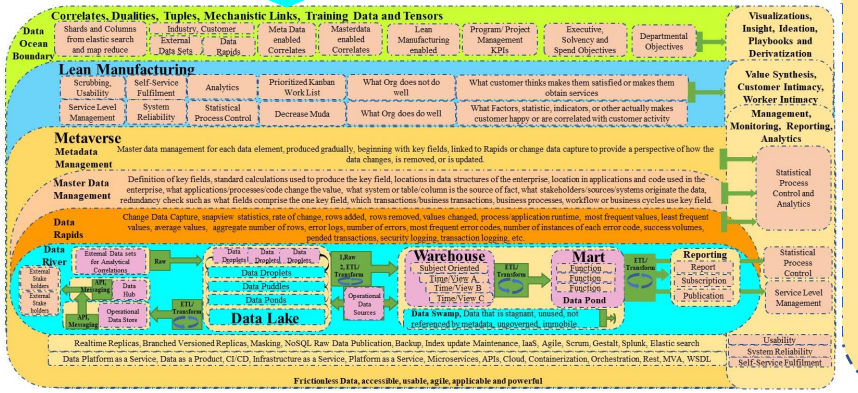


External APIs and Remote Procedure Calls



Industry Level APIs and Remote Procedure Calls





Claim, Remittance, Explanation of Benefit, Explanation Code, CDISC Submittal, or other factor, medical management, practice management, billing, quality reporting vector, or computing device request for transalationalmedicineandresearch data or researchdata

Automated tracking of utilization if pipeline processing row iteration has an active and registered account.

Automated negotiation of payment if not registered with account

Coalesce of interorganizational pipeline Flow

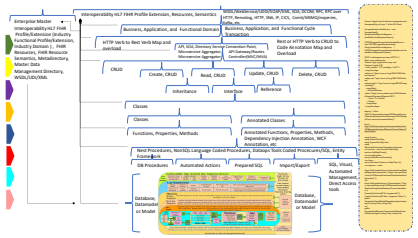
Return of information

Payment satisfied or utilization tracked

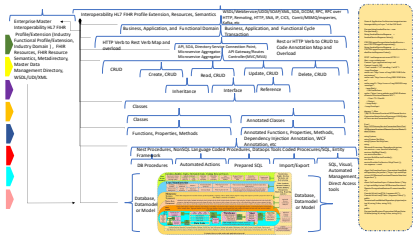
Obtain TranslationalwellnessindResearch or ResearchStudy information

Cleanup, second chance single system, single process, single threaded, serialized retry for unprocessed or excepted input. Master pipe update and coalesce. Integration of indicator relationships, stories with disease, behavior, particulate, other indicators, all in realtime as data flows through industry systems and global systems

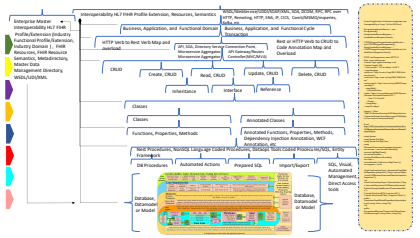
Internal APIs and Remote Procedure Calls

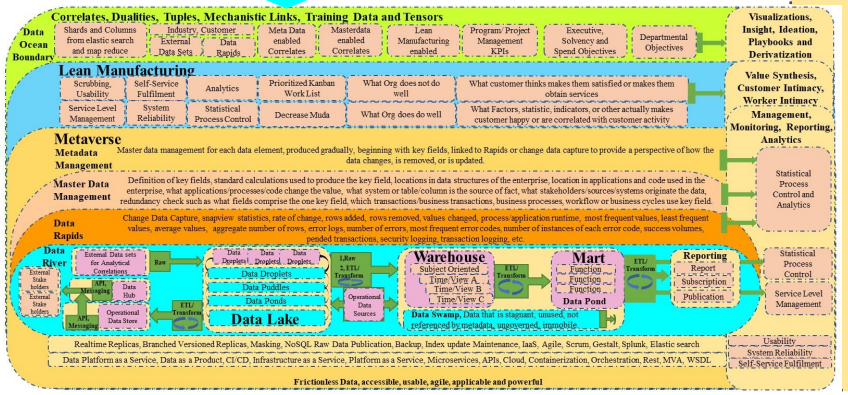


External APIs and Remote Procedure Calls



Industry Level APIs and Remote Procedure Calls





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

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

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

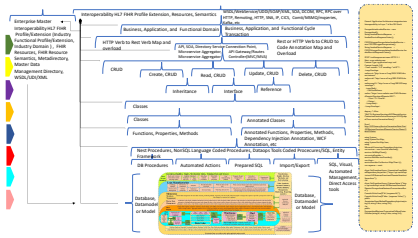
Coalesce of interorganizational pipeline Flow

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

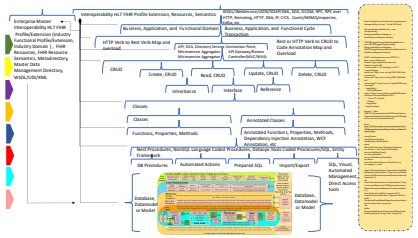
Fulfillment of renegotiated delivery, customers, markets, localities, waypoints, carriers, etc

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

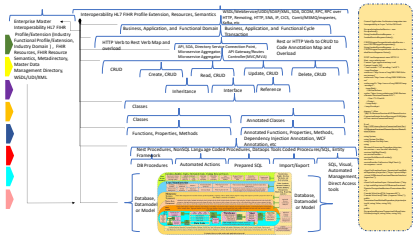
Internal APIs and Remote Procedure Calls

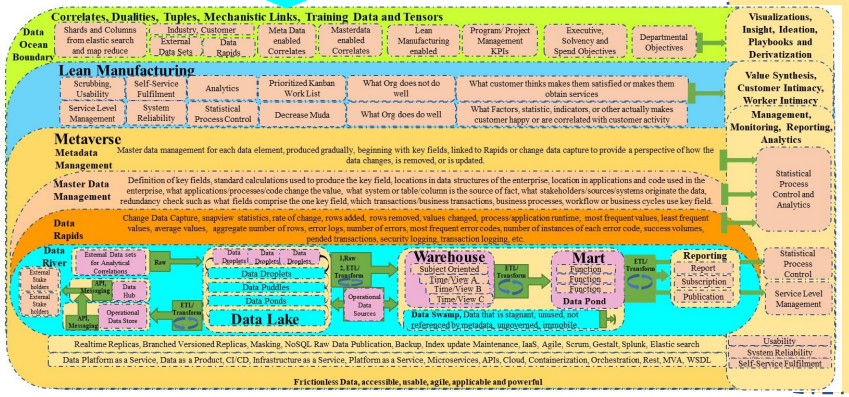


External APIs and Remote Procedure Calls

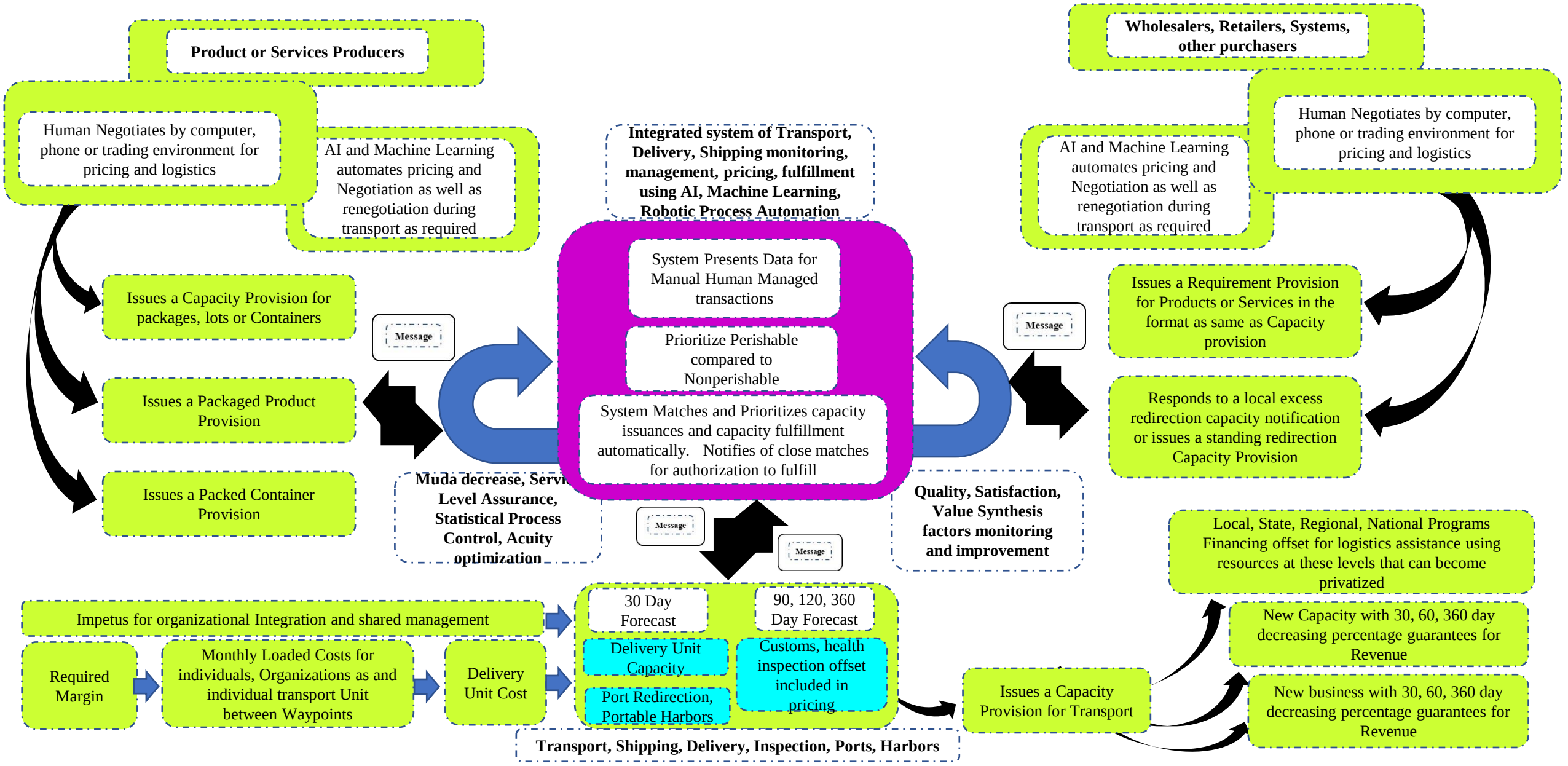


Industry Level APIs and Remote Procedure Calls

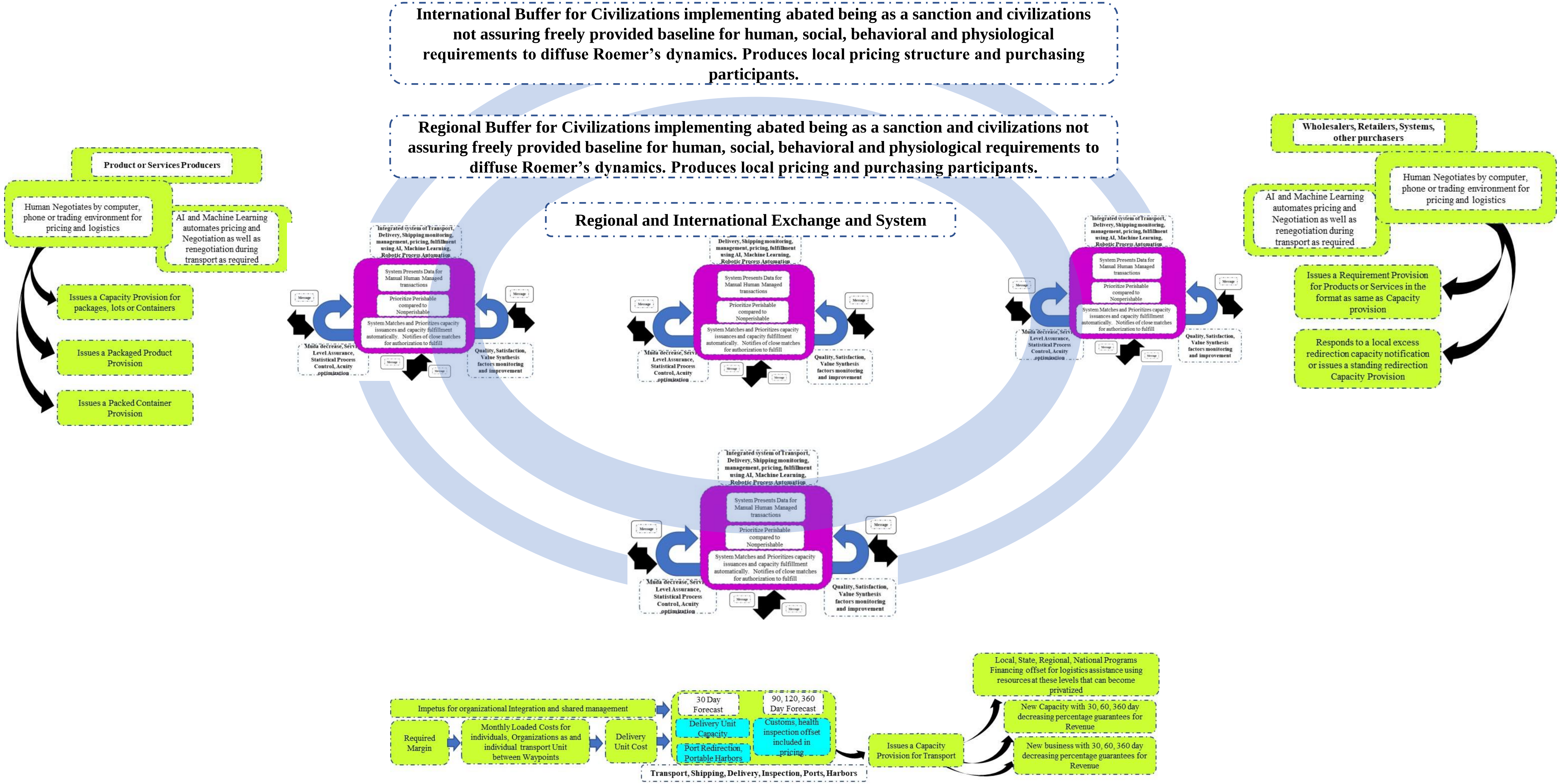




Integrated system of Transport, Delivery, Shipping monitoring, management, pricing, fulfillment using AI, Machine Learning, Robotic Process Automation

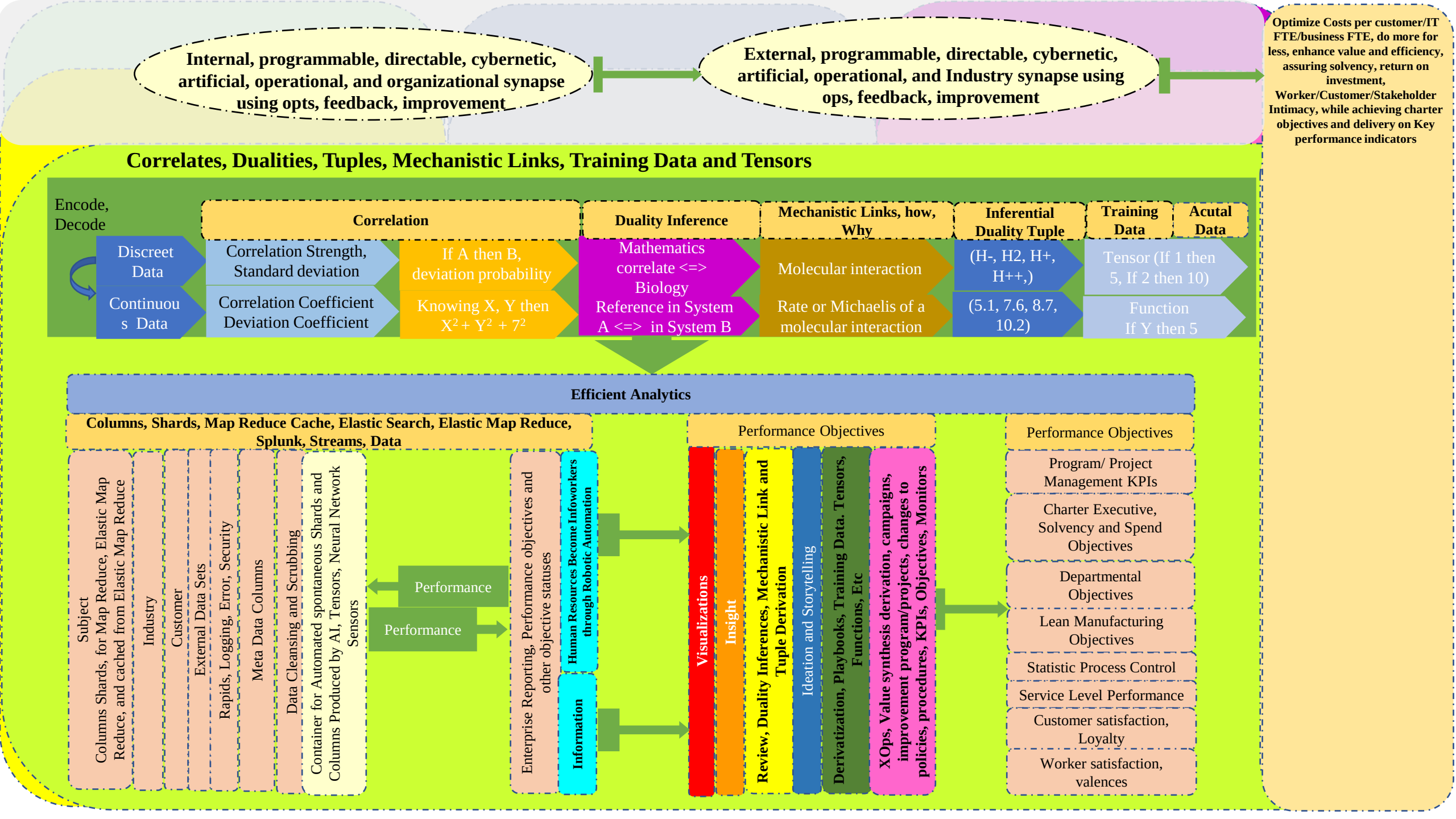


Buffering Zones in Hub and Spoke Model, Isolating and diffusing Roemer's dynamics to prevent global influence to health and behavior



Objective for Monitoring, Management and Continuous Improvement

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


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
Continuou s Data
Correlation Strength, Standard deviation
Correlation Coefficient Deviation Coefficient
If A then B, deviation probability
Knowing X, Y then X2 + Y2 + 72
Mathematics correlate <=> Biology
Reference in System A <=> in System B
Molecular interaction
Rate or Michaelis of a molecular interaction
(H-, H2, H+, H++,)
(5.1, 7.6, 8.7, 10.2)
Tensor (If 1 then 5, If 2 then 10)
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

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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

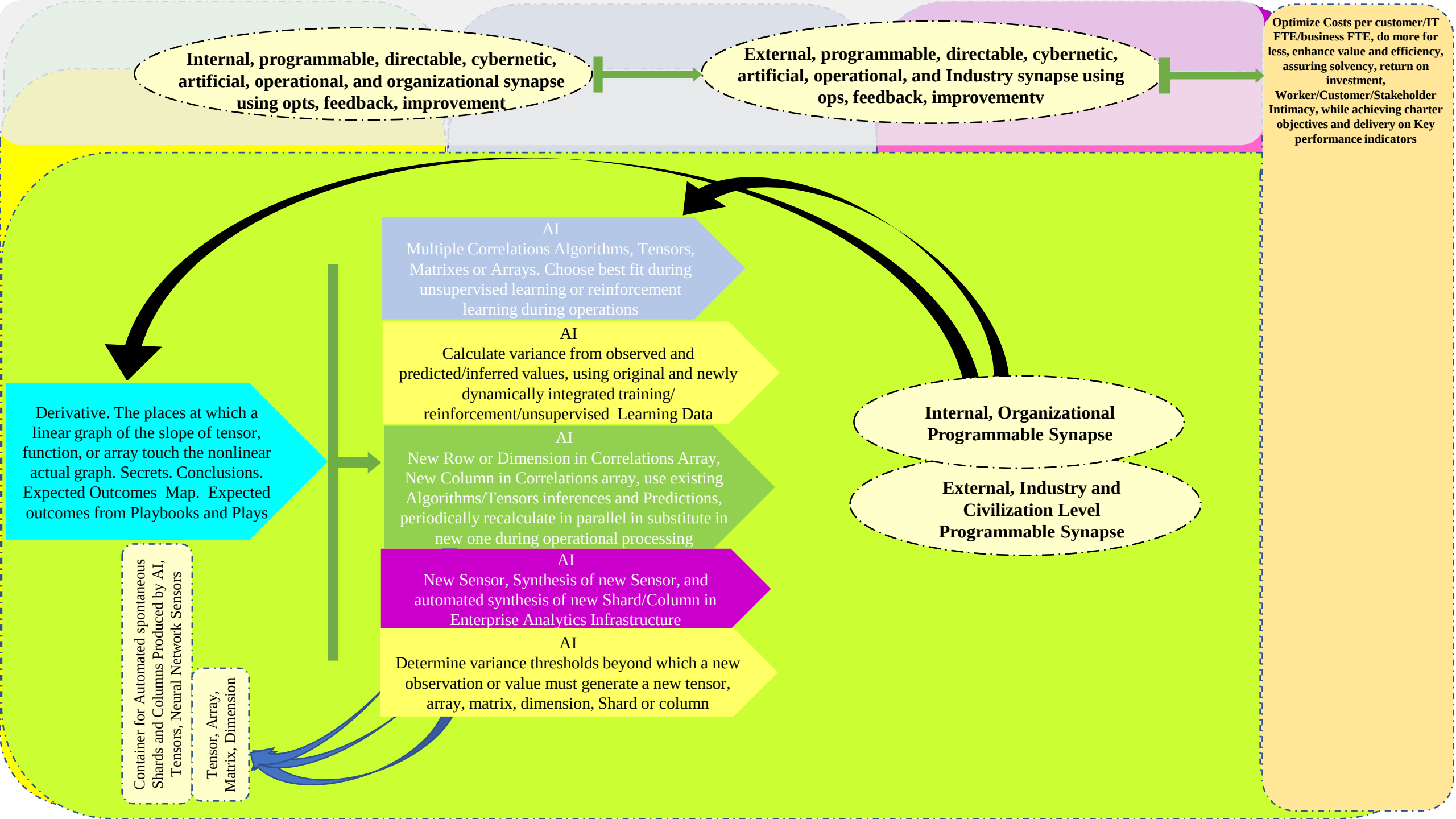
AI
New Row or Dimension in Correlations Array, New Column in Correlations array, use existing Algorithms/Tensors inferences and Predictions, periodically recalculate in parallel in substitute in new one during operational processing

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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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

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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.

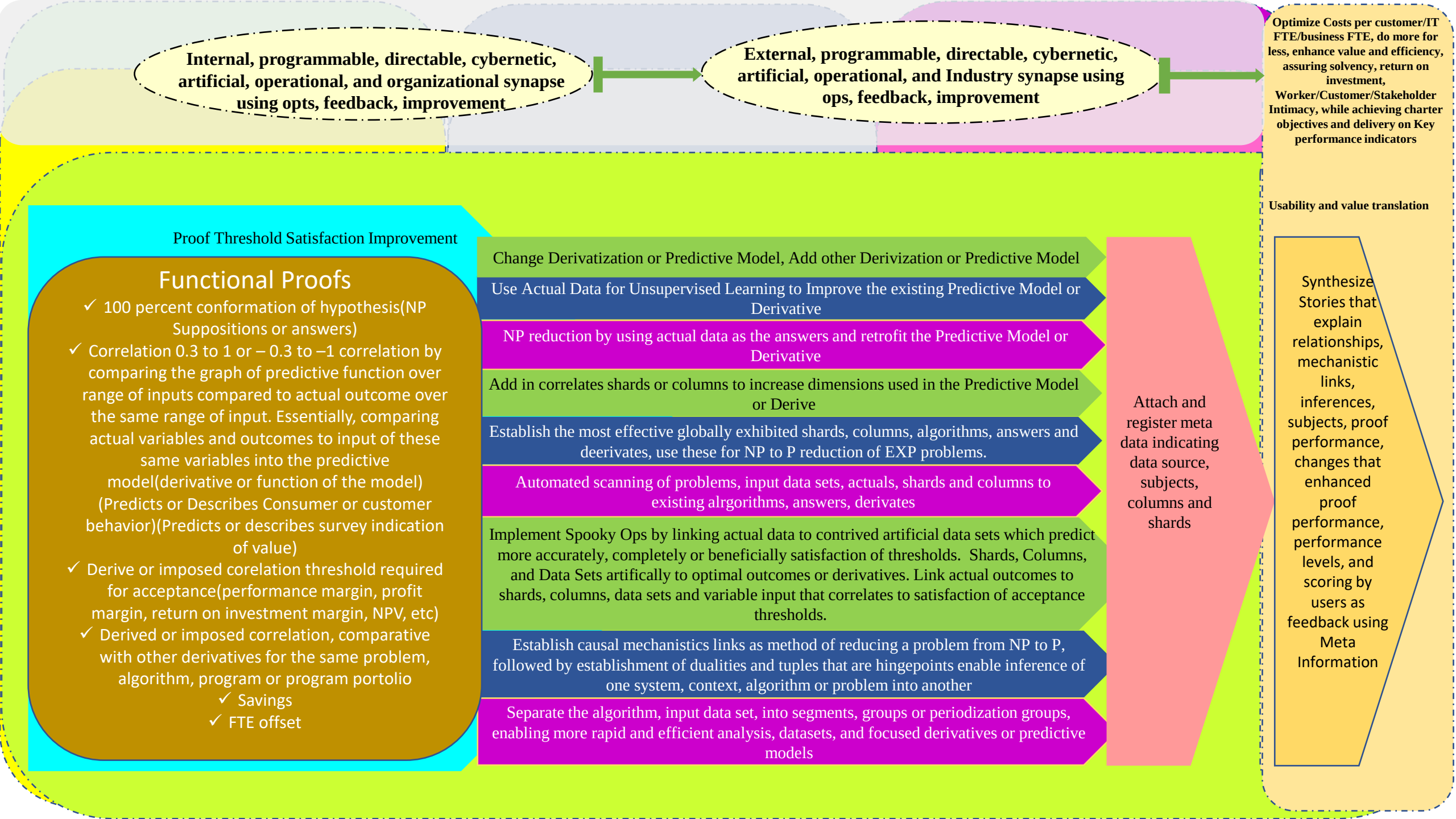
Training Data Run. Algorithm implementation. Statistics. Performance. Graphs.

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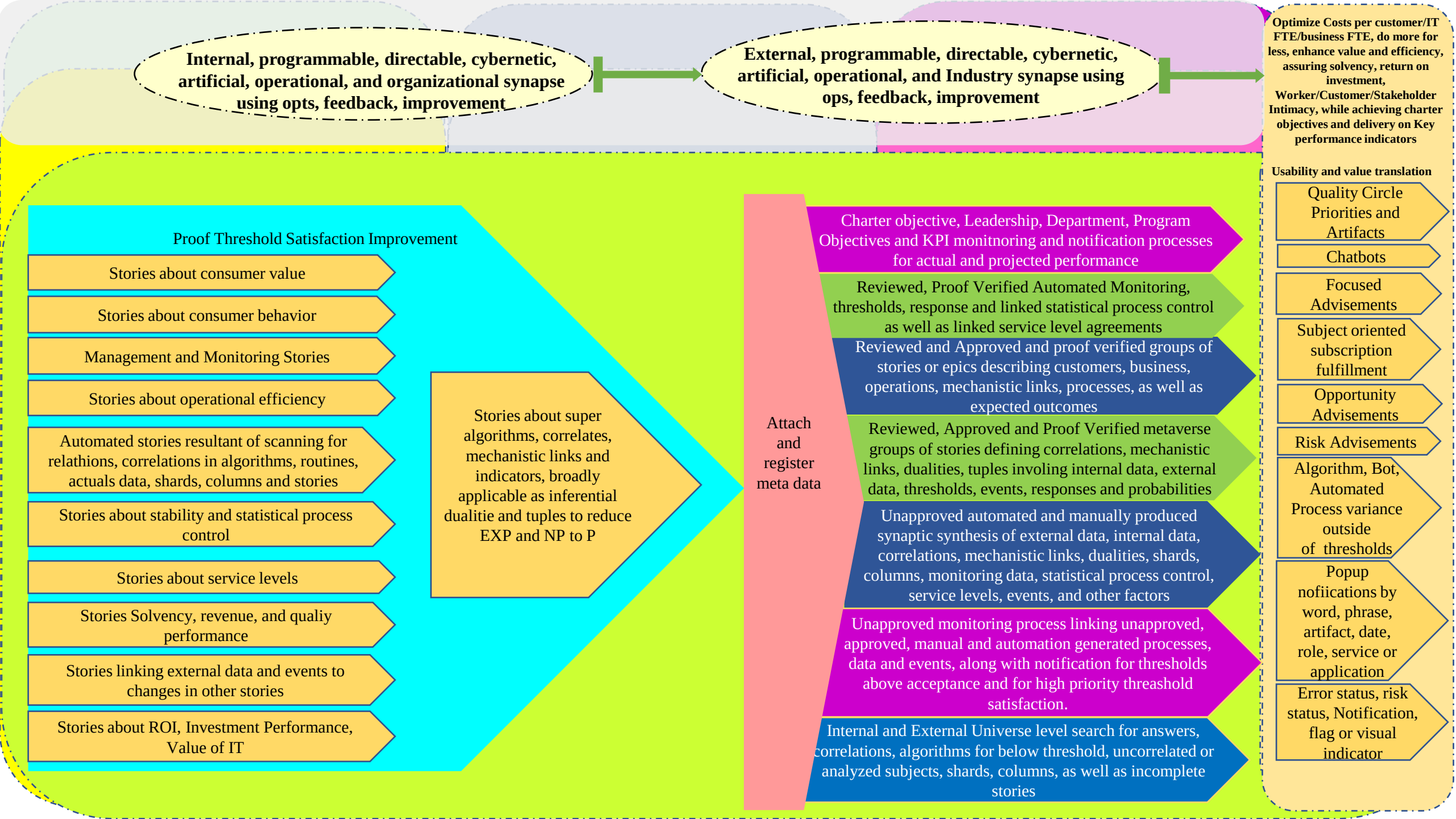
Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators
Usability and value translation
Proof Threshold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

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

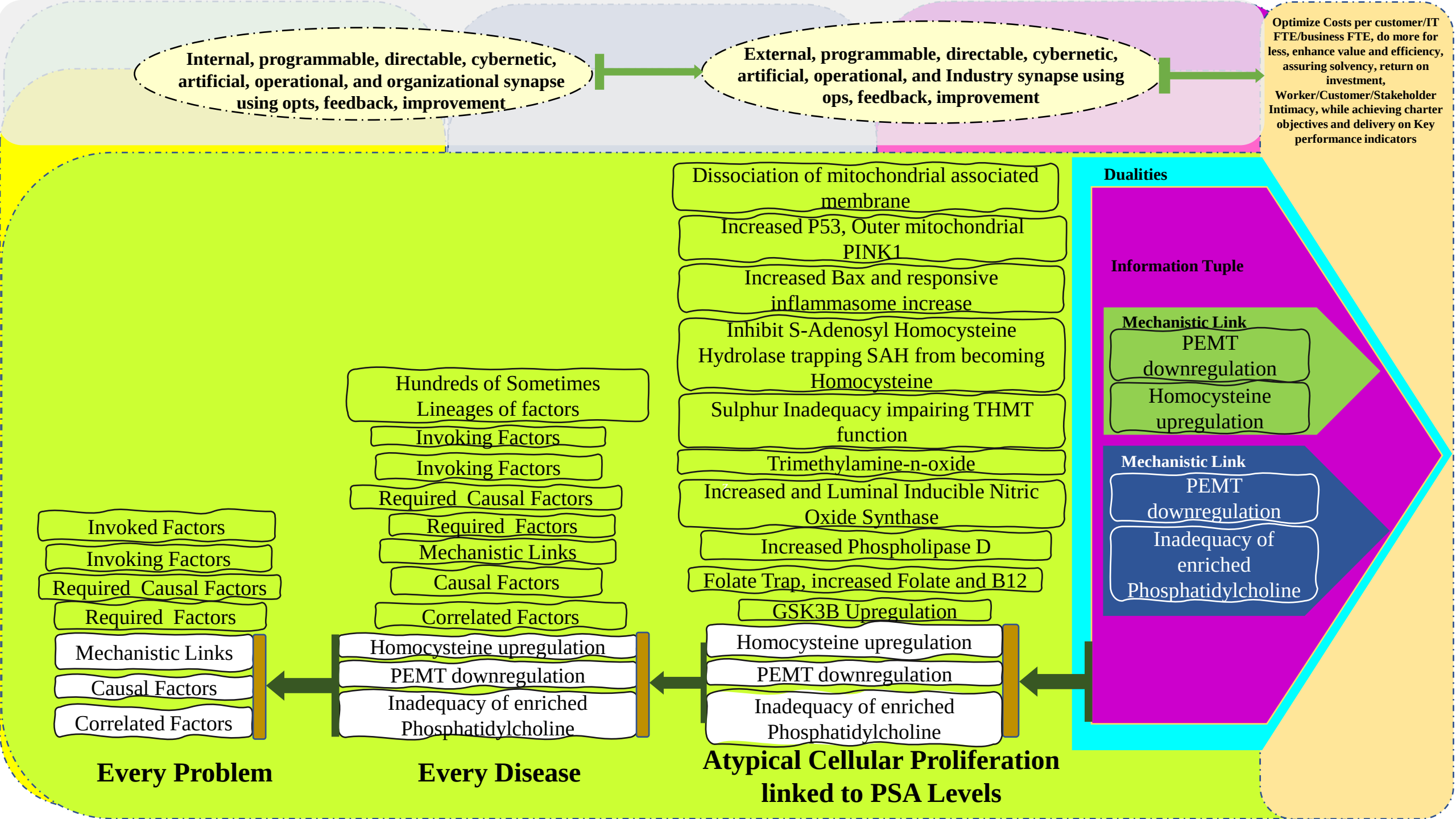
- ✓ Containerized Sandboxes
- ✓ Shards, Columns automated inclusion
- ✓ Shards, Columns, answers input by user subject for automation
- ✓ Edge or exception case input and sensing
- ✓ Sandbox shadowing of production data and performance reporting
- ✓ Marts
- ✓ Customizable addition or removal of shards, 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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Dissociation of mitochondrial associated membrane
Increased P53, Outer mitochondrial PINK1
Increased Bax and responsive inflammasome increase
Inhibit S-Adenosyl Homocysteine Hydrolase trapping SAH from becoming Homocysteine
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
Homocysteine upregulation
PEMT downregulation
Inadequacy of enriched Phosphatidylcholine
Atypical Cellular Proliferation linked to PSA Levels
Hundreds of Sometimes Lineages of factors
Invoking Factors
Invoking Factors
Required Causal Factors
Required Factors
Mechanistic Links
Causal Factors
Correlated Factors
Homocysteine upregulation
PEMT downregulation
Inadequacy of enriched Phosphatidylcholine
Every Disease
Invoked Factors
Invoking Factors
Required Causal Factors
Required Factors
Mechanistic Links
Causal Factors
Correlated Factors
Every Problem
Dualities
Information Tuple
Mechanistic Link
PEMT downregulation
Homocysteine upregulation
Mechanistic Link
PEMT downregulation
Inadequacy of enriched Phosphatidylcholine

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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.

Atypical Cellular Proliferation linked to PSA Levels

Homocysteine upregulation
PEMT downregulation
Inadequacy of enriched Phosphatidylcholine

EXP
NP
P

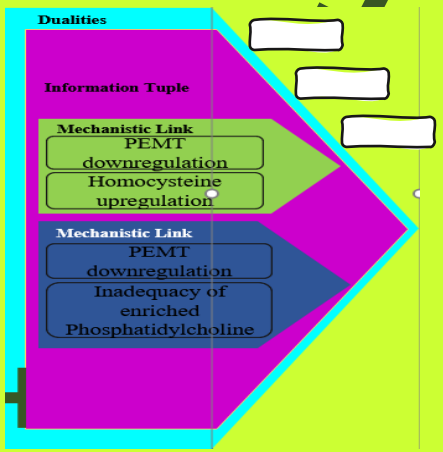
Inferential Duality

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

Homocysteine upregulation

PEMT downregulation

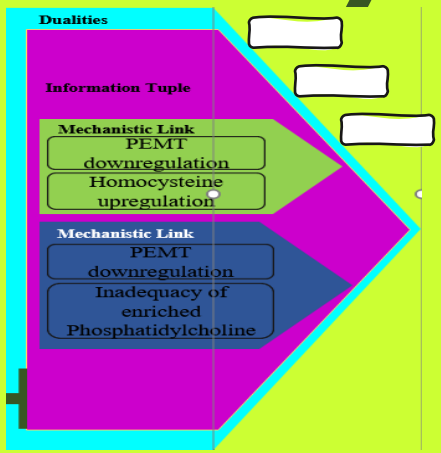
Inadequacy of enriched Phosphatidylcholine



Every Disease

EXP
NP
Homologues
P

Inference



Every Problem

EXP
NP
Homologues
P

Inference

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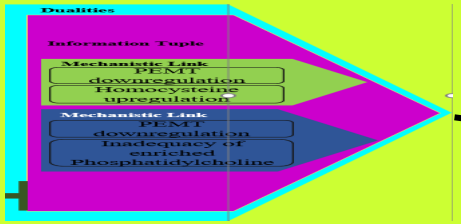
Bolt On Inferential Points, Finding Dualities

Inferential Duality



NP

Mechanistic Links

Shards

Mechanistic Links, Shards, Columns, or Correlates involve homocysteine, 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.

Bolt On Inferential Points

Homocysteine upregulation

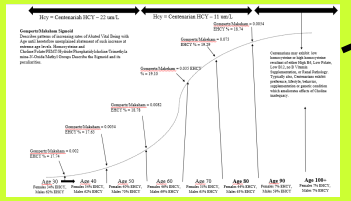
PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

Inferential Dualities

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

Derivative



Column

Derivatives and Graphs

Correlates

P

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.

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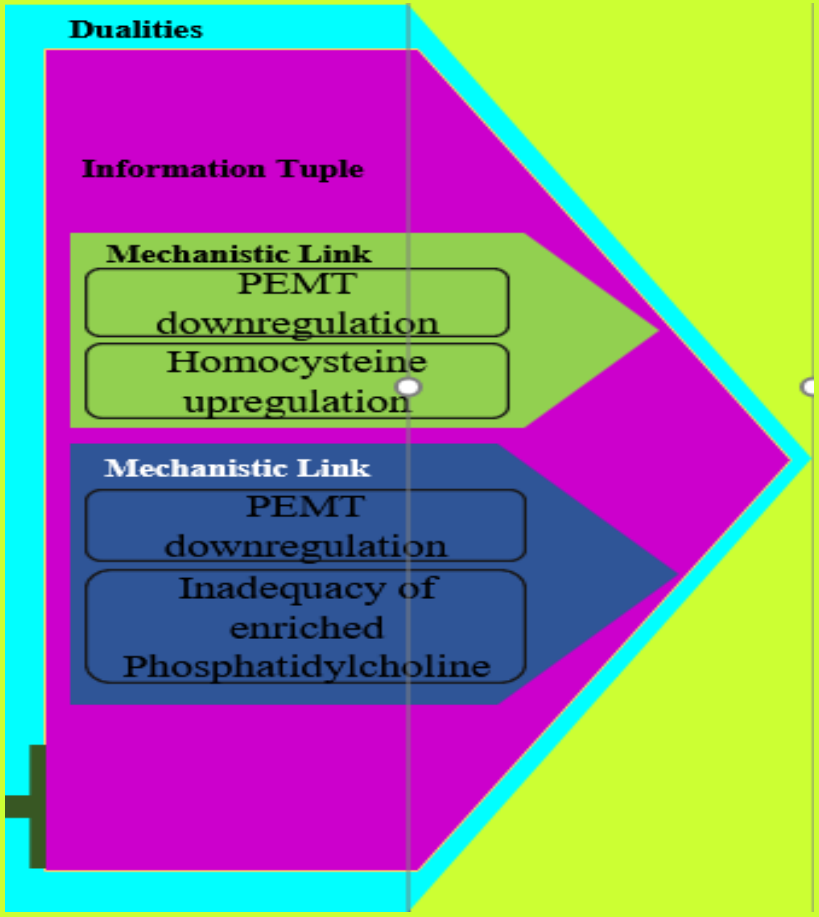
1298200A Registered Inferential Duality, Tuple, Correlation and Mechanistic Link

Inferential Duality



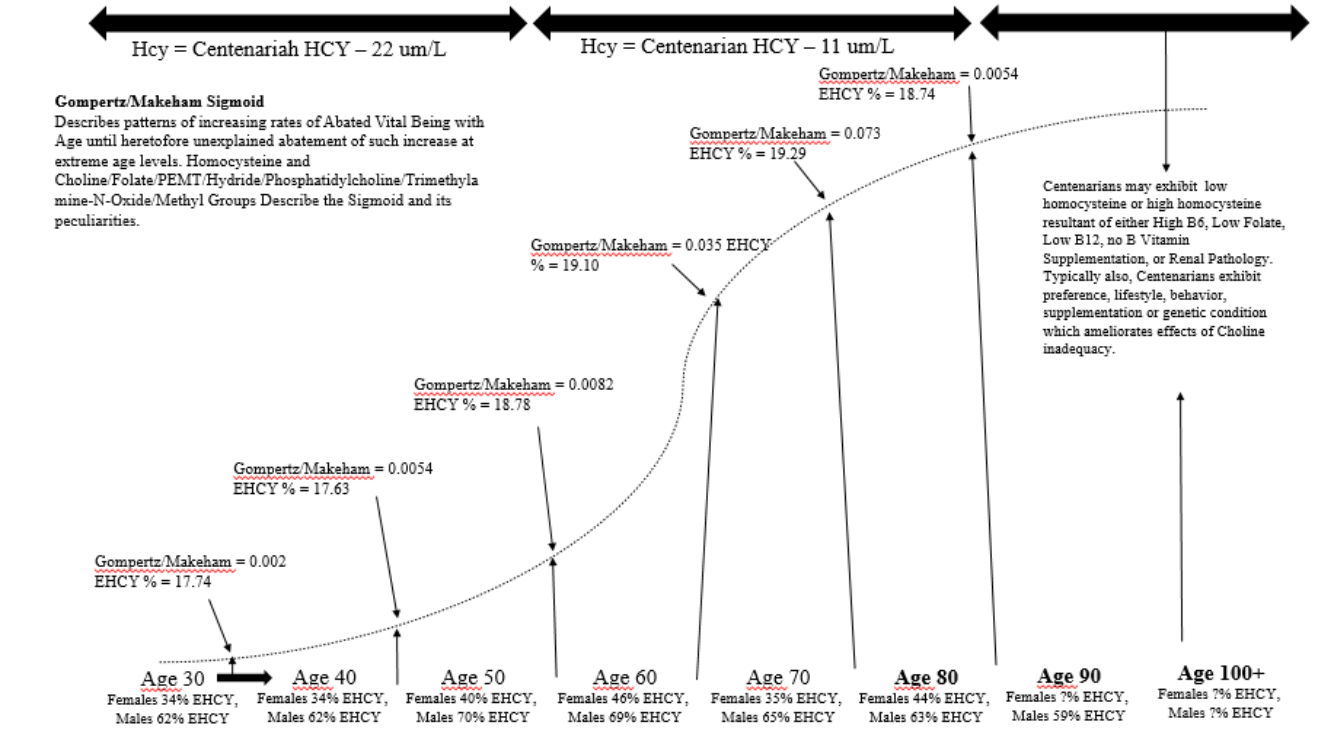
Inferential Dualities

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

Bolt On Inferential Points

- Homocysteine upregulation
- PEMT downregulation
- Inadequacy of enriched Phosphatidylcholine

Derivative



Story

The Register Inferential, Duality, Tuple with Mechanistic Link 1298200A exhibits homocysteine, the enzyme PEMT and enriched phosphatidylcholine. Mechanistic links exist as PEMT downregulation causing upregulation of homocysteine 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, homocysteine 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 homocysteine typically exhibited by age. Homocysteine describes both typical and peculiar nuances of the gompertz sigmoid and makeham sigmoid, with nearly 95 to 98 percent or more positive correlation. Managing homocysteine, 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.

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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.

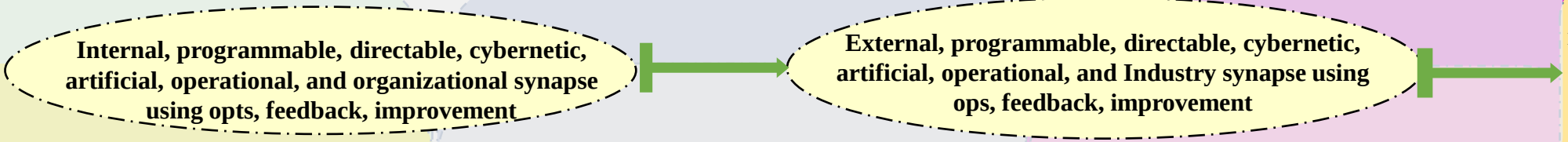
D

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 homocysteine, 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 homocysteine 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.



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1298200A Opportunities

The Registered Inferential, Duality, Tuple with Mechanistic Link 1298200A presents the opportunity to identify direct and indirect stimulators of PEMT downregulation, homocysteine 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 homocysteine upregulation, PEMT downregulation, and enriched phosphatidylcholine inadequacy..

Bolt On Inferential Points

- Homocysteine upregulation
- PEMT downregulation
- Inadequacy of enriched Phosphatidylcholine

Causes of PEMT downregulation, homocysteine upregulation, and inadequate phosphatidylcholine

Pathways, changes, factors or occurrence resultant of PEMT downregulation, homocysteine upregulation, and inadequate phosphatidylcholine

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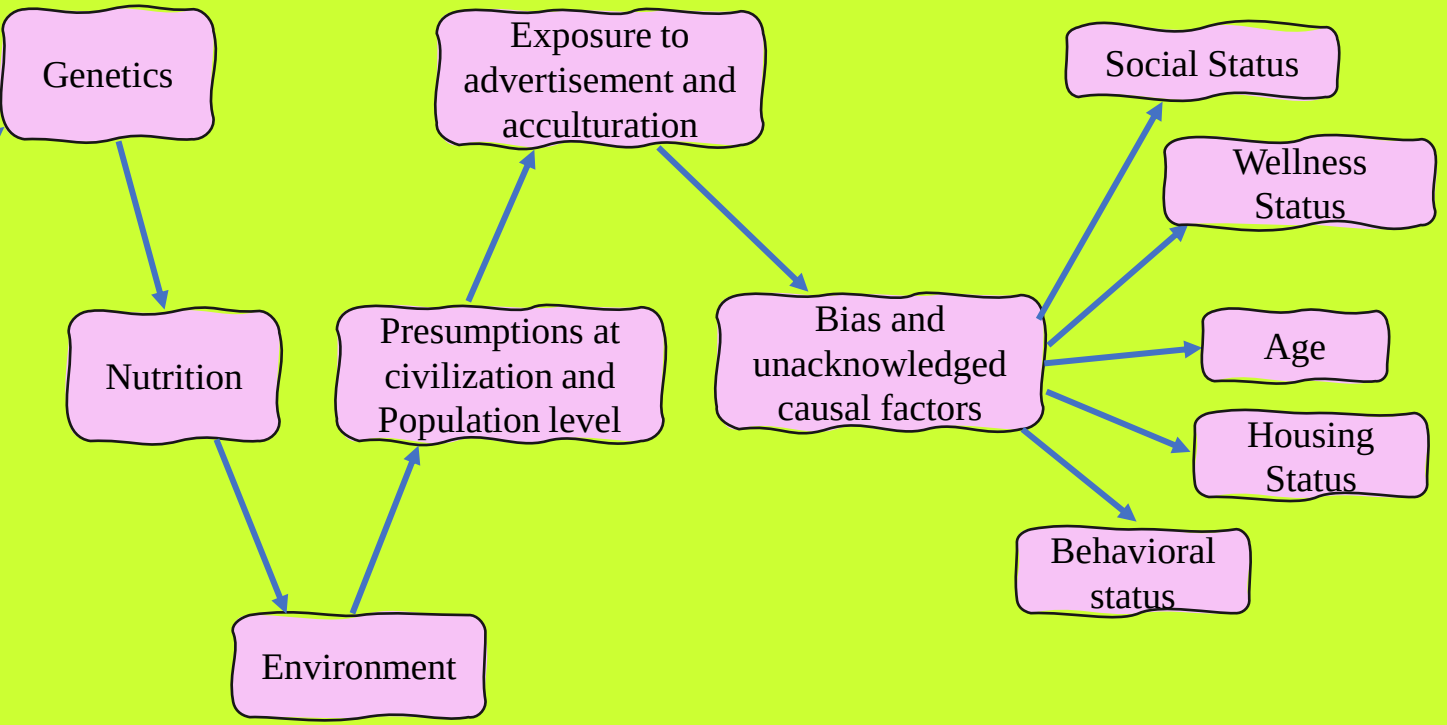
1298200A Opportunities

Bolt On Inferential Points

- Homocysteine upregulation
- PEMT downregulation
- Inadequacy of enriched Phosphatidylcholine



Story

Homocysteine 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

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1298200A Solutions

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.

Bolt On Inferential Points

Homocysteine upregulation

PEMT downregulation

Inadequacy of enriched Phosphatidylcholine

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

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.

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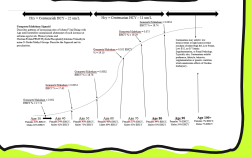
1298200A Opportunities

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

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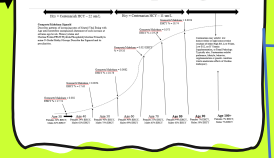

Release of derivatives in organized, disorganized or less than conscious way into organizational or program operations

Civilizations of the Earth

Ignore, disacknowledge and utilization

PEMT status, Homocysteine 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

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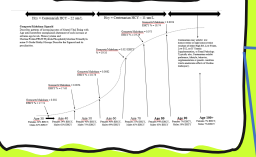
Optimize Costs per customer/IT FTE/business FTE, do more for less, enhance value and efficiency, assuring solvency, return on investment, Worker/Customer/Stakeholder Intimacy, while achieving charter objectives and delivery on Key performance indicators

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, Homocysteine 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		
	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**
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

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

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Civilizations of the Earth

Foundational Civilization Levels Control Parameters

- 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

- 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

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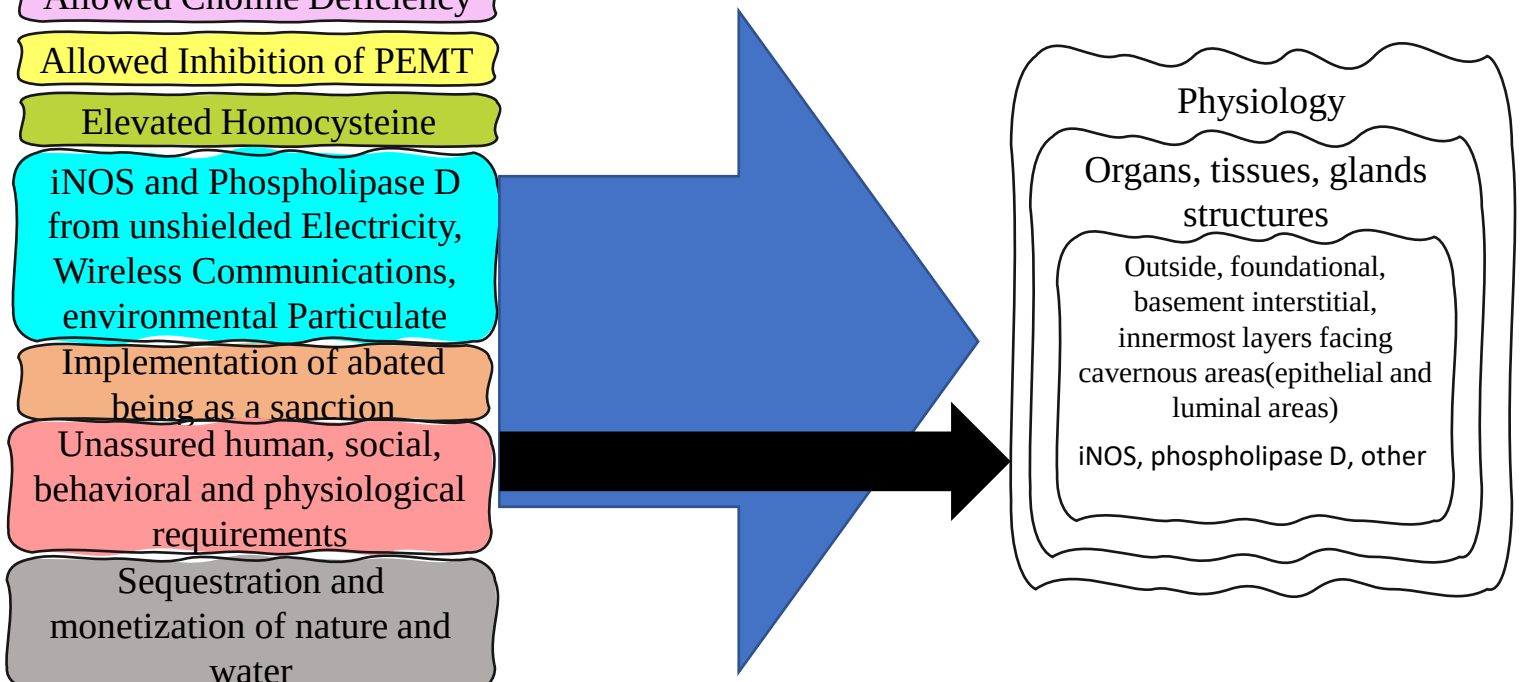

Electrical, wireless communications, atmospheric particulate, allowed choline deficiency, inhibition of PEMT and Homocysteine have participated in deteriorating species specific barriers to pathogens, microbes, disease and behavior. Electricity, wireless communications, satellite communications and increasingly 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.

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1298200A Opportunities

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

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

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

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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
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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

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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

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, Homocysteine, increased electricity influence and increased wireless influence cause iNOS, Phospholipase D, other factors inhibition of PEMT, increases homocysteine, 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 homocysteine are commandeered for advertising, sales, signs, displays, products, services, etc. These factors cause a physiological multiplicity between migration, behavioral changes or physiological changes.

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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 homocysteine 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 homocysteine 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 homocysteine, 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.

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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.

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1298200A Opportunities

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

Civilizations of the Earth

Foundational Civilization Levels Control Parameters

Value

xValue

yValue

Deep Value

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.

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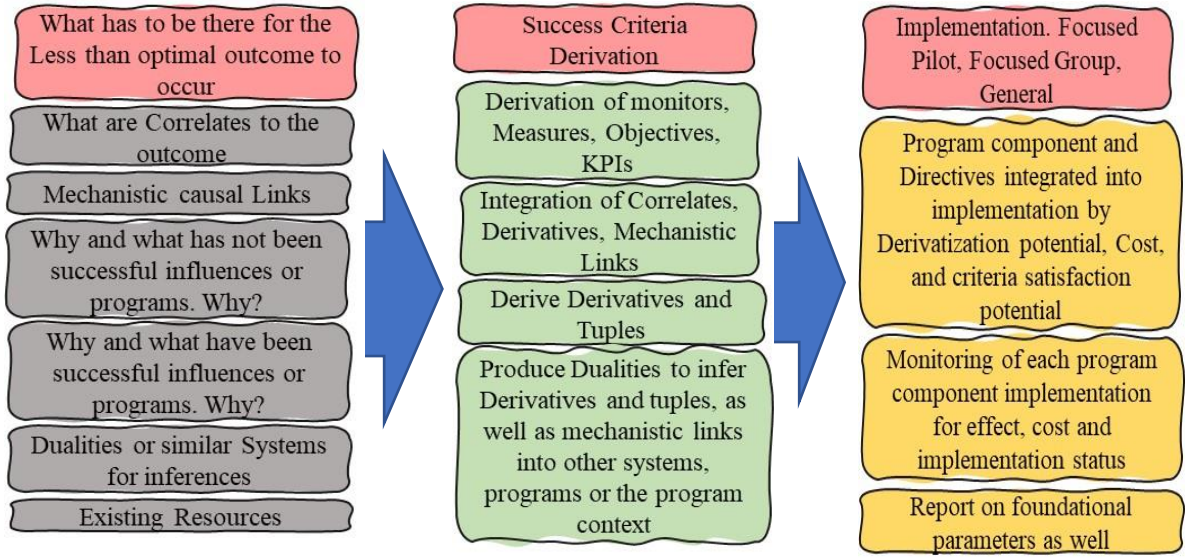
1298200A Opportunities

Civilizations of the Earth

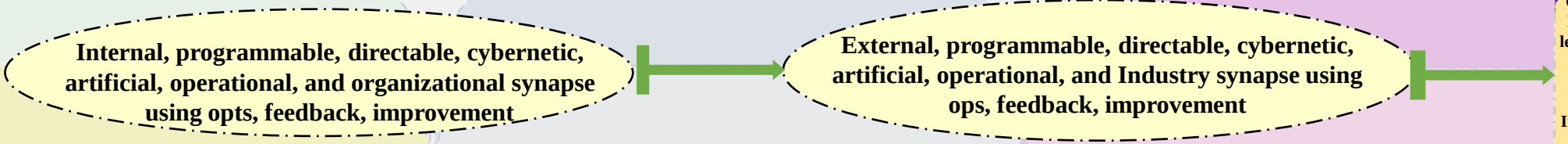
Foundational Civilization Levels Control Parameters

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



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.



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.

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Systemic, Intraorganizational, Interpopulation and Human Context or Synapse

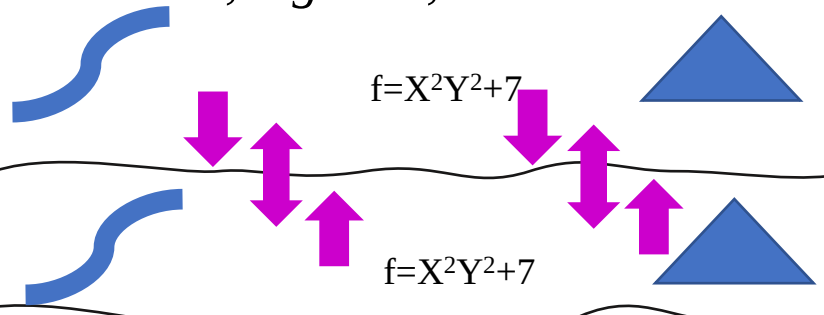
Systemic, Intraorganizational, Interpopulation and Human Context or Synapse

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*



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.

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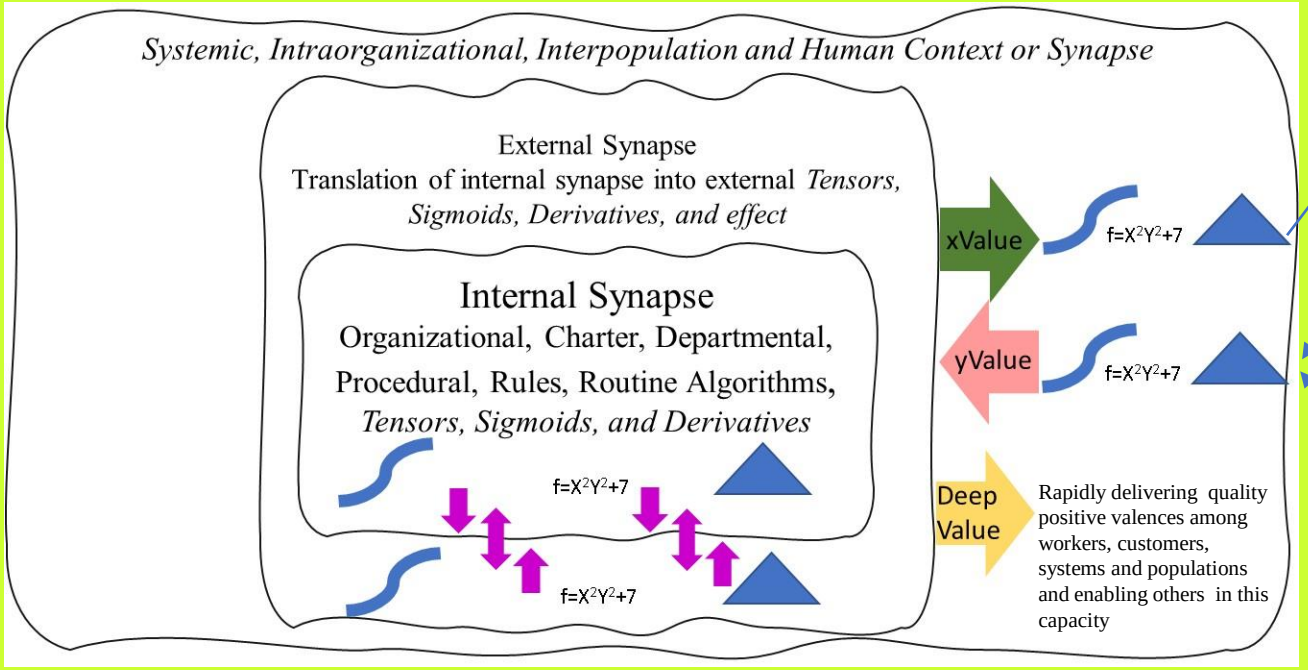

X

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

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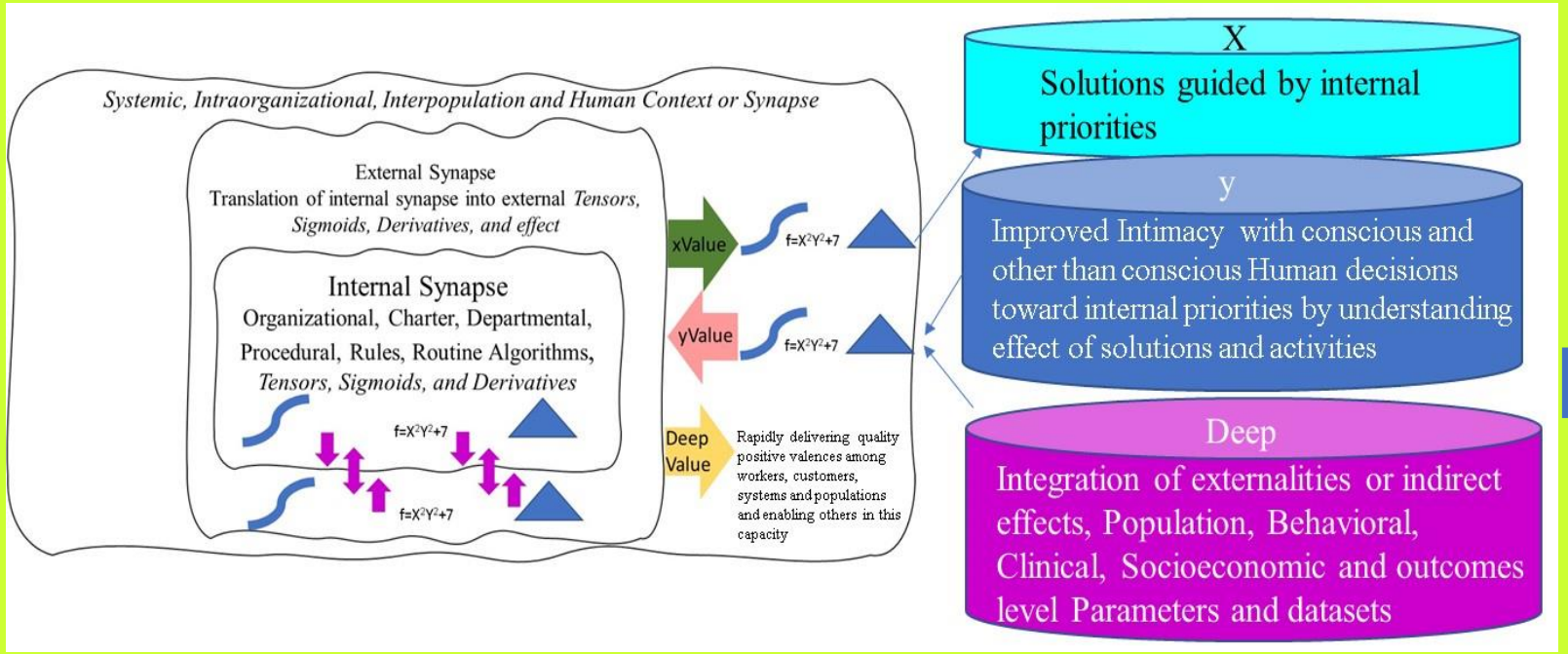
Human Consciousness

Promote to Consciousness



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y, sustain and enhance performance and value

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

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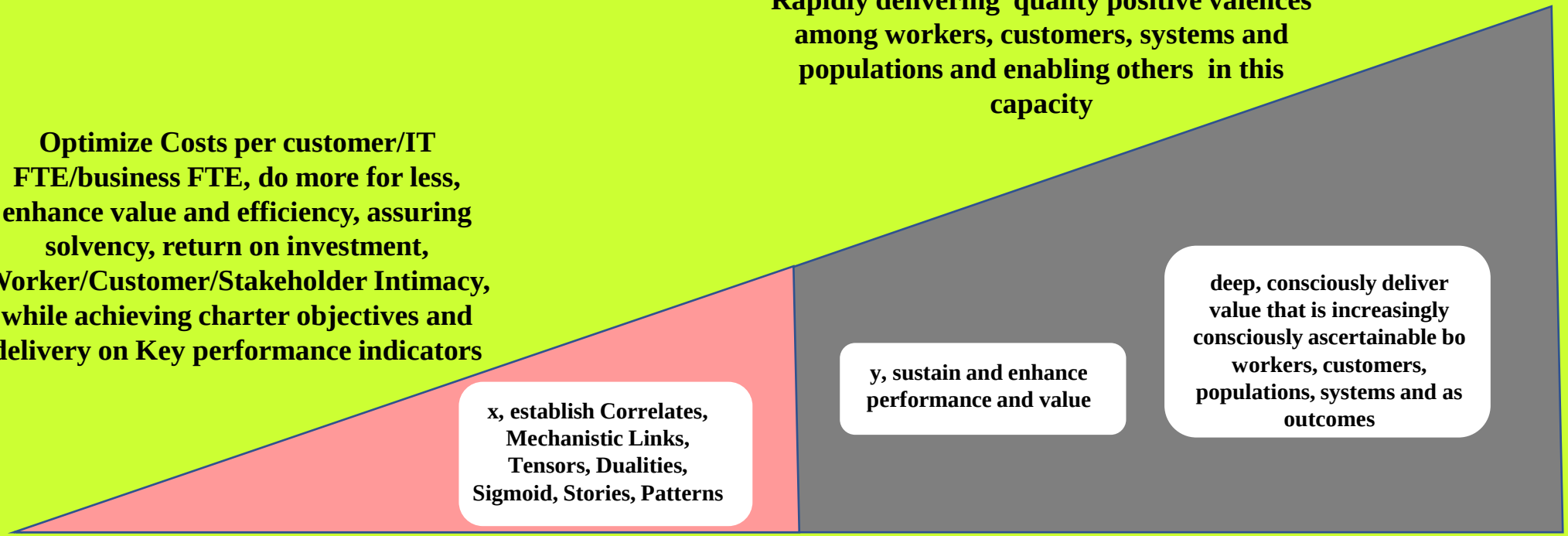
Rapidly delivering quality positive valences among workers, customers, systems and populations and enabling others in this capacity



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

- Product
- Service
- Marketing Strategy
- Sales Strategy or Campaign
- Marketing Campaign
- Packaging or Productization
- Feature

Success?

- Wildly
- Marginally
- Inadequately

Why and How

- IP
- Product or Service
- Change

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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

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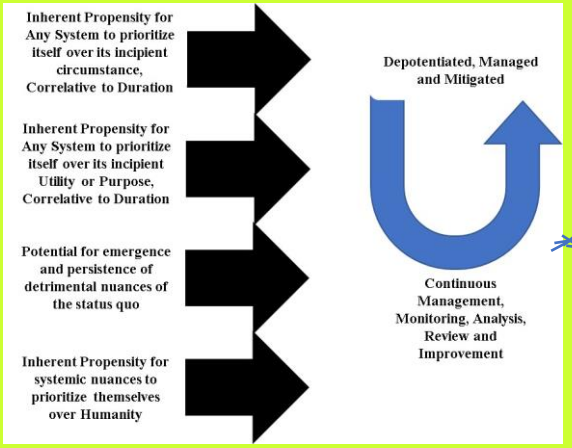


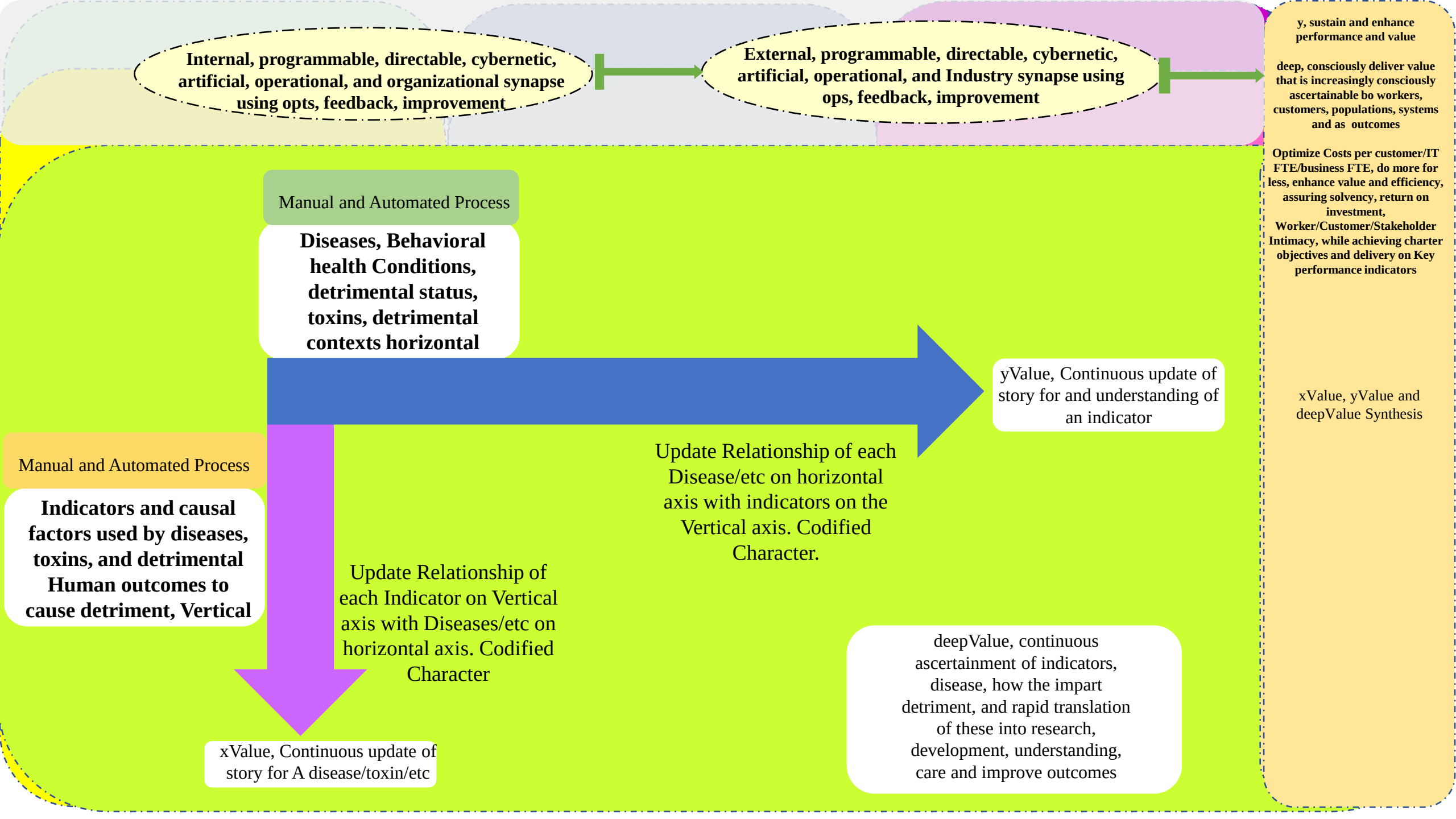
Strategy

Systemic

Organizational

Operational

Clinical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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
xValue, yValue and deepValue Synthesis
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

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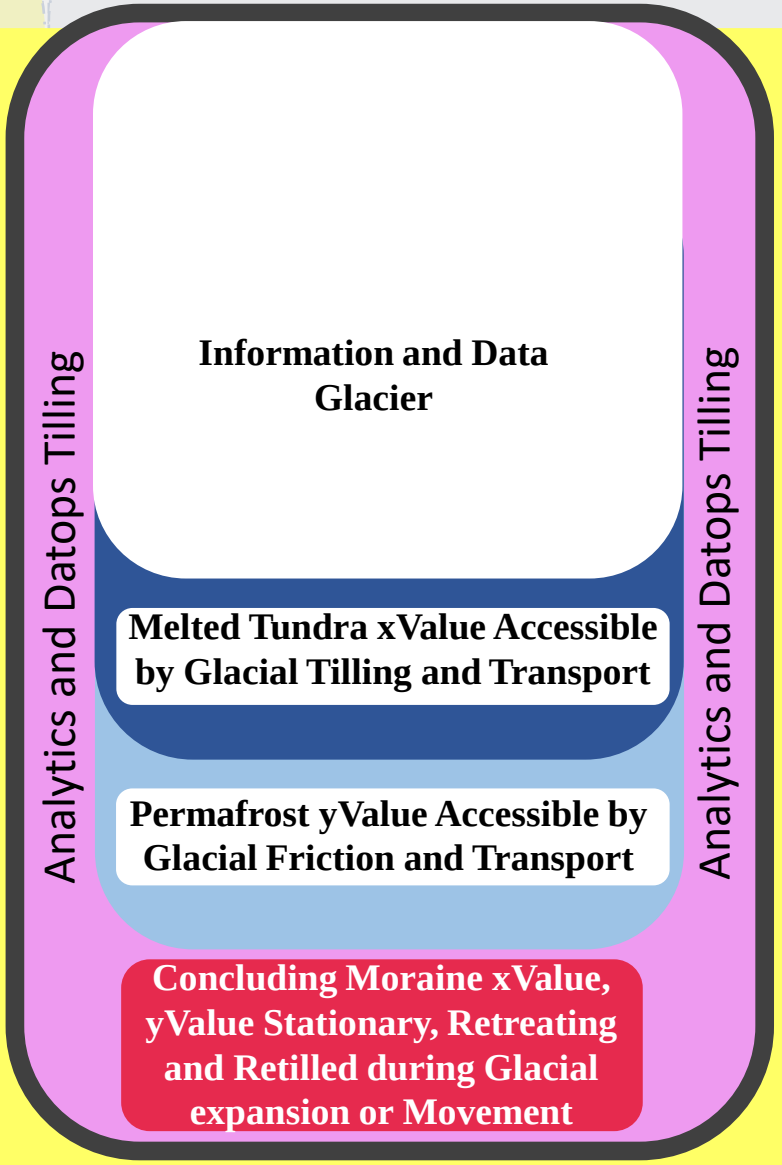
Lateral Moraine xValue

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.



Lateral Moraine xValue

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.

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

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 an indicator with each disease analyzed for that indicators participation

Indicators Mapped to Conditions, Circumstance and Detrimental Factors

```
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	storyomar...	storyomarrativeforcondition	Canonical Exhibit...	Canonical Exhibit...	Canonical ...	Canonical ...	Reverse ...	Wireless a...	Powerline...	PV esca...	Parkinsons ...	NULL	NULL

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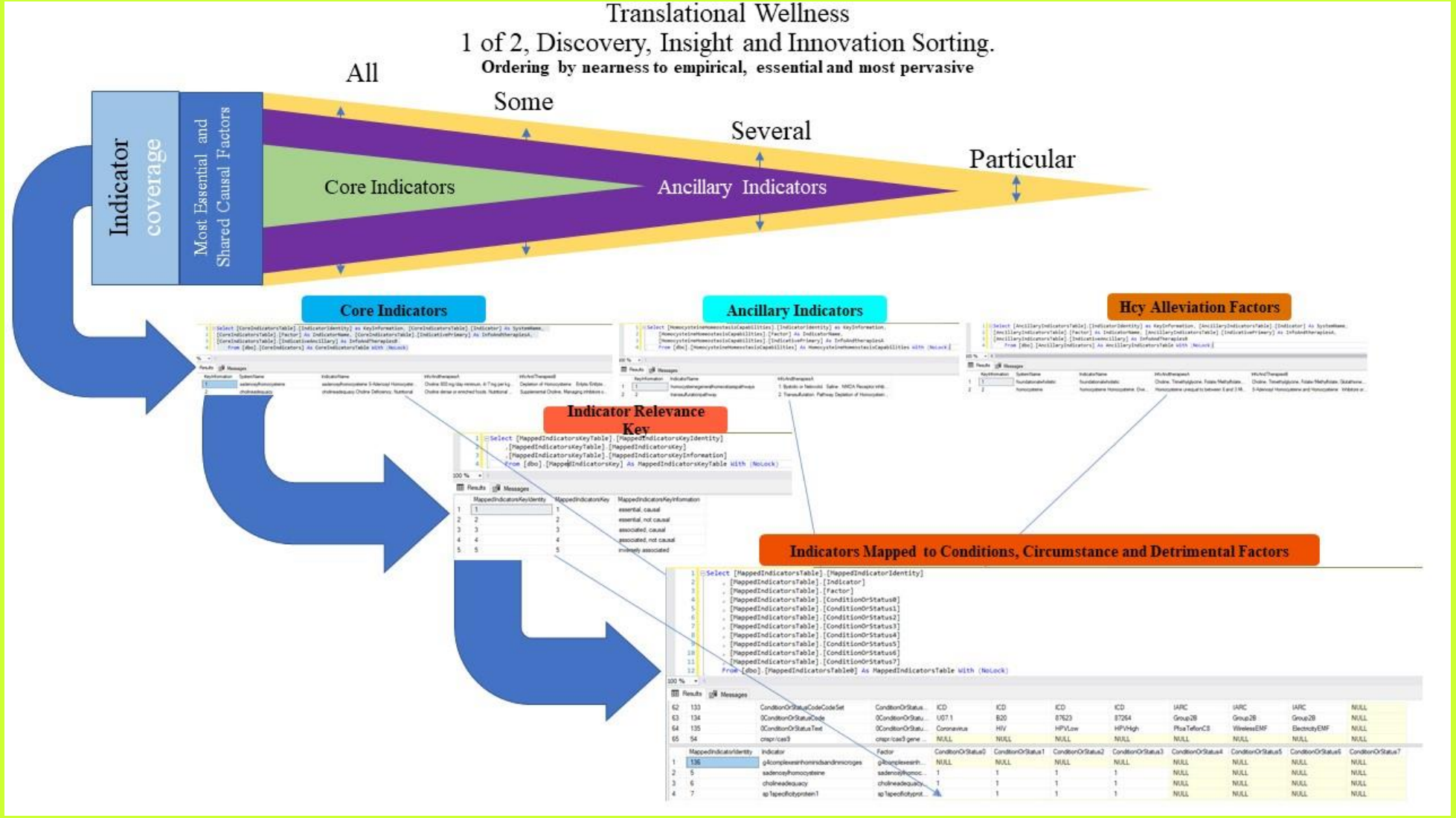

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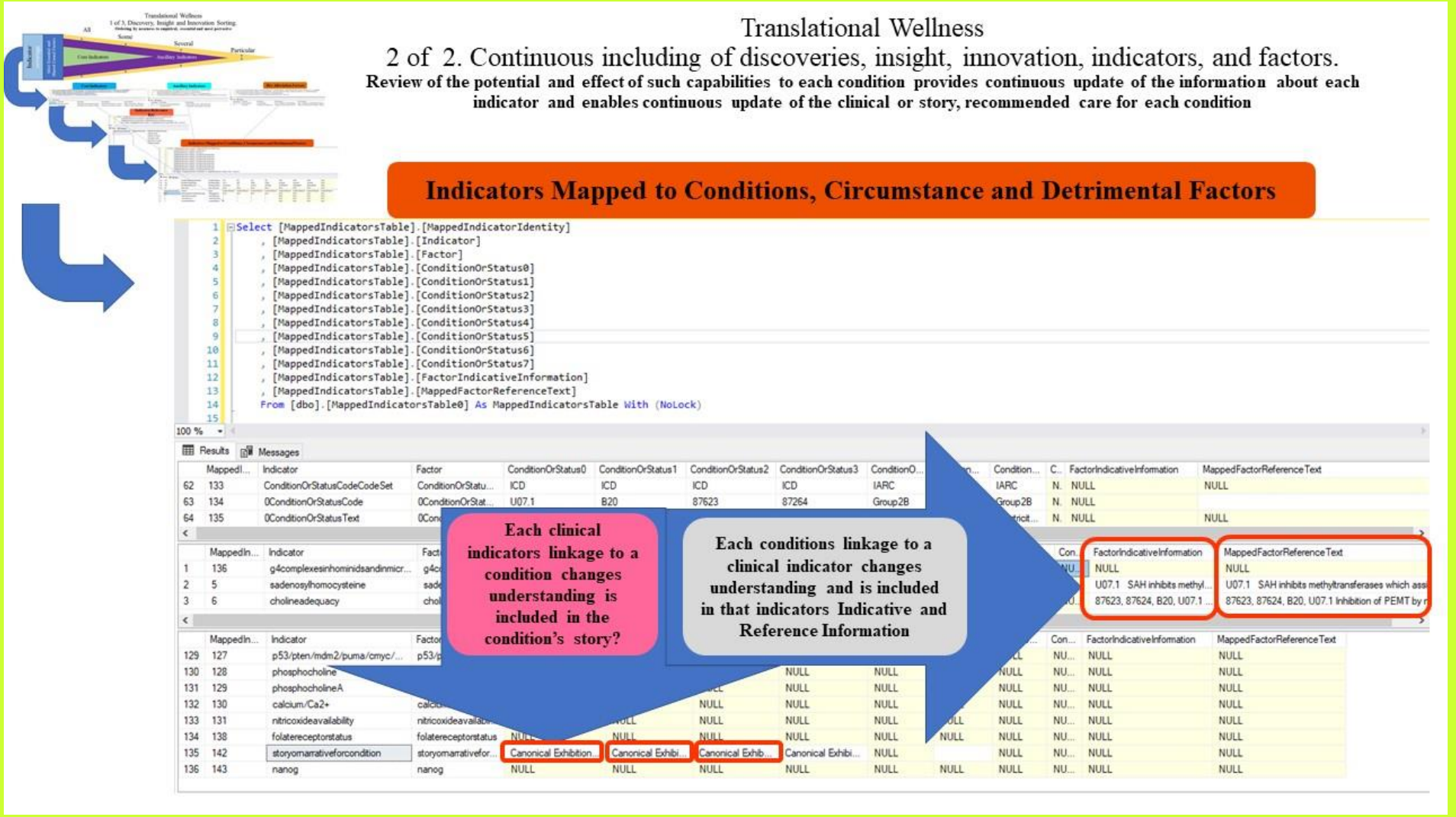

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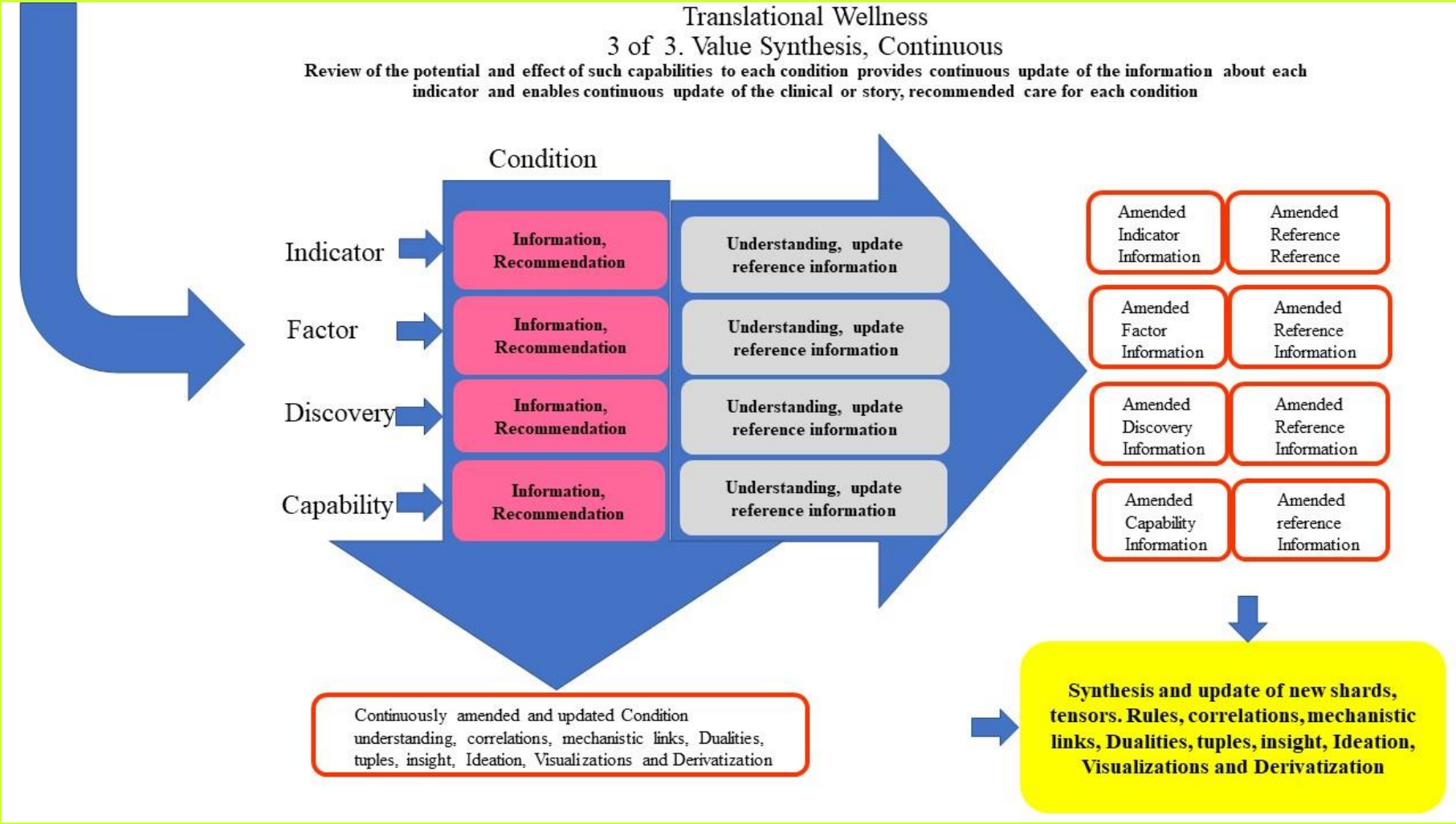

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