HANSENCX

VIETNAM WEB SUMMIT

SCALABLE ENTERPRISE ARCHITECTURE 2018 WEB SUMMIT.

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HANSENCX

LIVE WORK GROW

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SCALABLE ENTERPRISE ARCHITECTURE.

1. INTRODUCTION

2. SCALABLE ENTERPRISE ARCHITECTURE

3. Q&A

1. INTRODUCTION

HansenCX
What We Do
Diverse Global Roles

HANSENCX

Since 1971 Hansen has been a leader in billing and customer care solutions to the Energy, Telecommunications and Pay-TV industries.

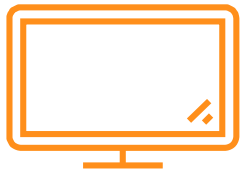
Through global expansion, today millions of people around the world rely on our software for a secure, accurate and reliable billing experience.

HANSEN – WHAT WE DO.

FOCUSED ON DATA & CIS

ENERGY

Customer Care and Billing, Meter Data Management solutions for Regulated and Competitive Energy Retailers as well as Energy Distributors



PAY-TV

Customer Care and Billing, Provisioning and bundling solutions for Cable, DTH, DTT and MSO's

TELCO

Customer Care and Billing solutions for Telco Operators

WATER

Customer Care and Billing solutions for Water Utilities

IT SOLUTIONS

Hosting and Professional Services

DEVELOPING SCALABLE ENTERPRISE PRODUCTS.

FOR SOME OF THE LARGEST COMPANIES IN THE WORLD

customer experience is in our DNA

12 products across 3 verticals

Convergent billing solutions

40 years in billing and data management

HANSENCX *VIETNAM - Open Since 2017, Growing quickly*

DIVERSE GLOBAL ROLES

Product Owners

QA Testers

Software Engineers

ENTERPRISE ROLES

UX Designers

Technical Writers

Scrum Masters

- A Passion for Developing Software.

DIVERSITY.

Product Owner

Engineering

QA Automation

UX Design

Back Office

2. SCALABLE ENTERPRISE ARCHITECTURE

The Enterprise Landscape
Event Driven Architecture
Integration Layer
Custom User Interfaces

THE ENTERPRISE LANDSCAPE.

- HansenCX develops best of breed B2B customer care and billing software for some of the largest companies in the world.

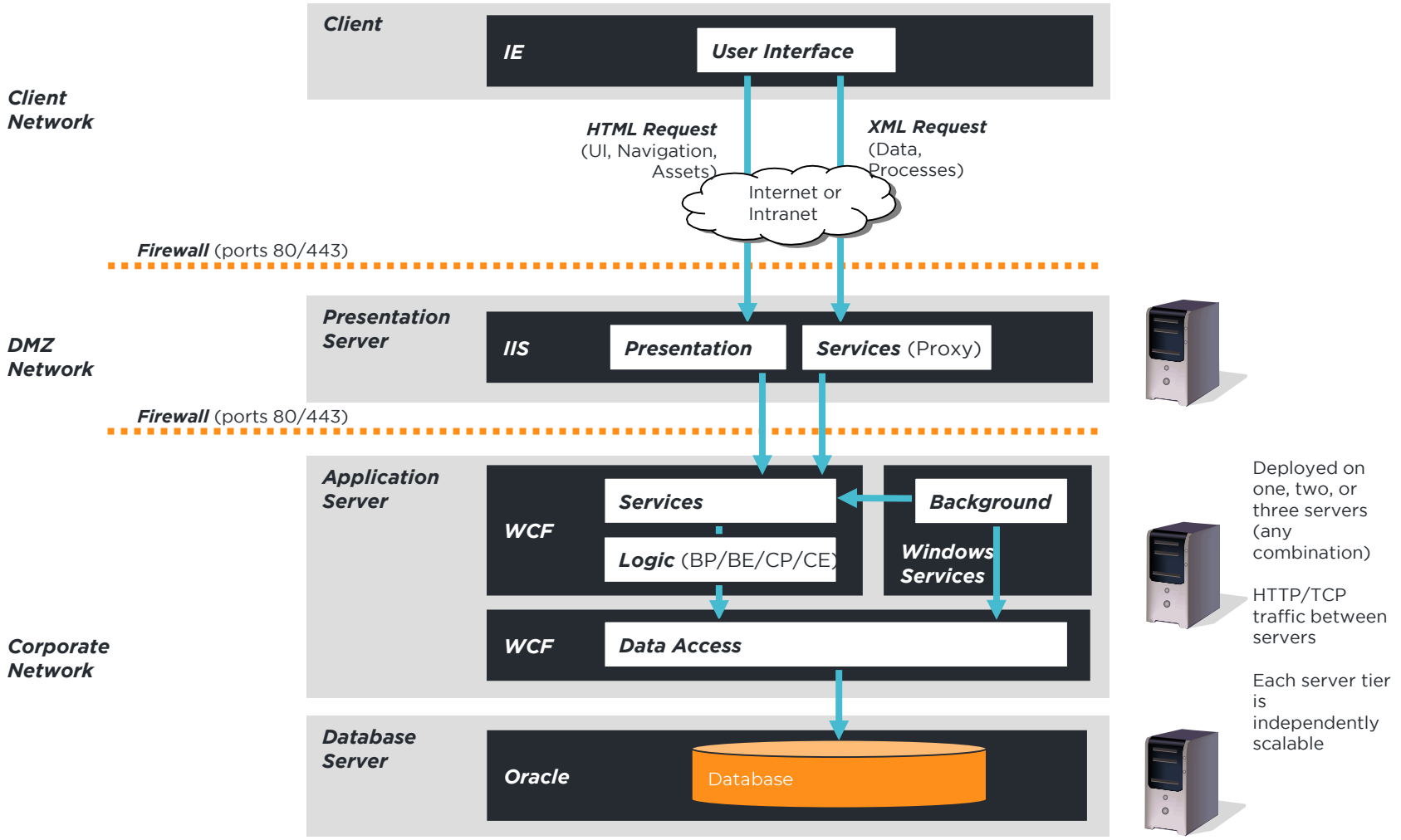
- Must scale easily to tens of millions of subscribers.
  - Performance testing
  - Automation testing

- Must knit together within the enterprise landscape of each organization
  - Web Service Layer
  - Enterprise Service Bus
  - Logistics systems
  - Workforce management systems
  - Event driven publish and subscribe layer

THE ENTERPRISE LANDSCAPE.

4-TIER SECURE AND SCALABLE (SHOWN IN TYPICAL DMZ CONFIGURATION)

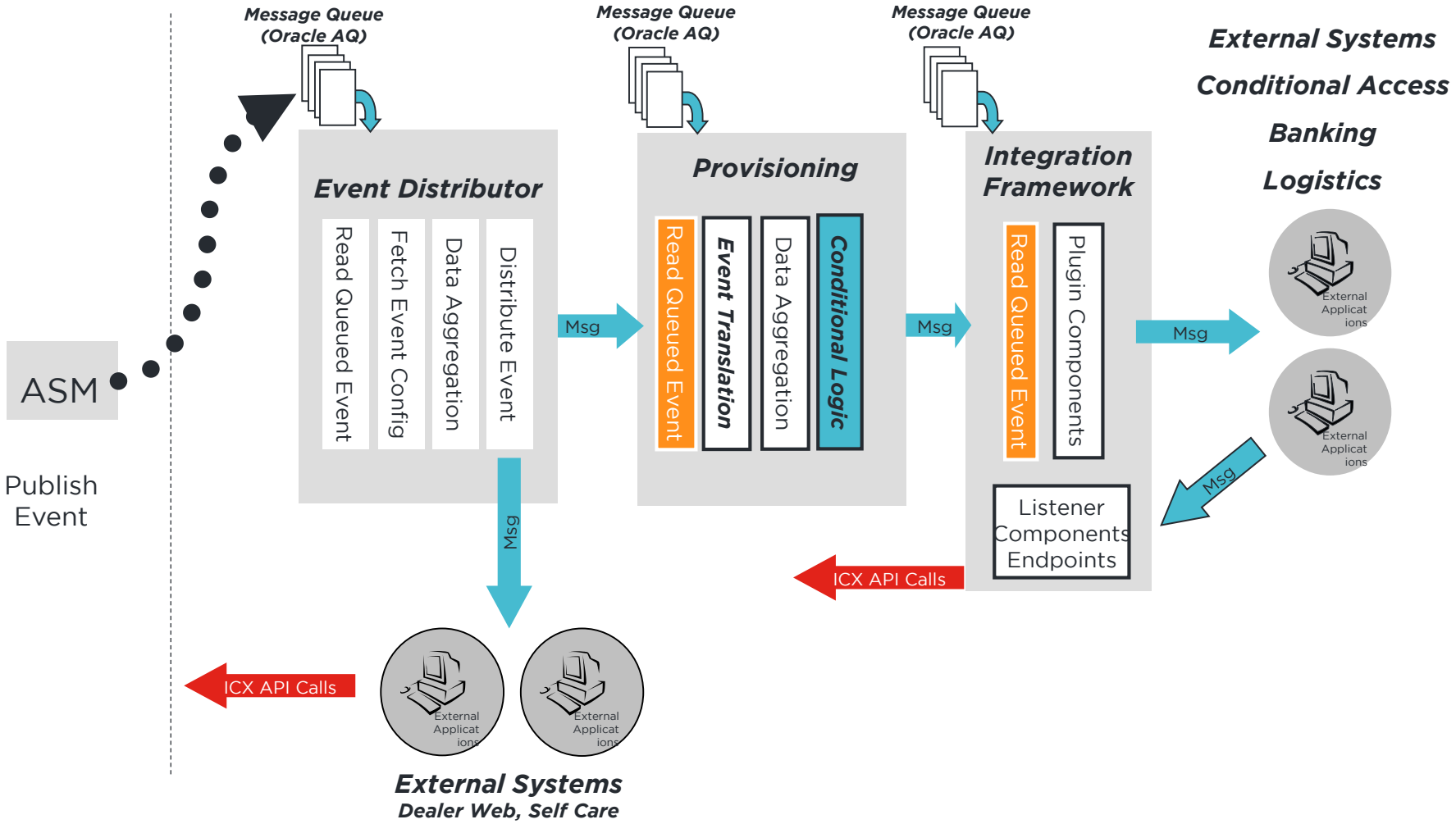
- Four Separate Tiers
  - Client (Browser)
  - Presentation Server
  - Application Server
  - Database Server
- Tiers can be Deployed on Separate Machines or Consolidated as Needed
- Tiers can be Scaled Up (bigger machines) and Out (more machines)



EVENT DRIVEN ARCHITECTURE.

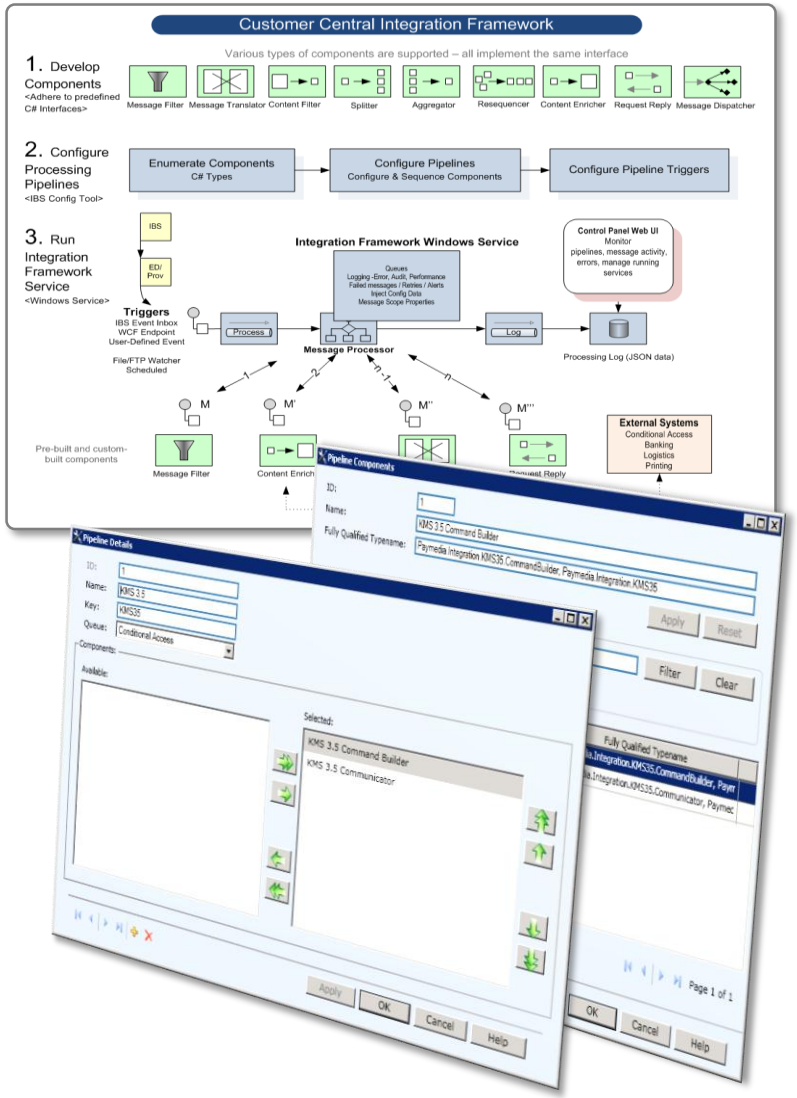
- Publish and subscribe architecture facilitates the knitting of disparate systems together
- Eliminates brittle hard wired relationships with external systems
- Provides a toolbox of reusable components to enrich the data to be passed to external systems
- Can be easily consumed by middle ware enabling Enterprise Interoperability
- In combination with SOA, extends the ability to build composite applications
- Part of a layered architecture which can be extended without intrusive “surgery” on core elements.

EVENT DRIVEN ARCHITECTURE.



INTEGRATION FRAMEWORK.

- Reduce time, effort, and cost of building Integration Solutions
- Support common integration scenarios out of box
- Allow ability to monitor and fine-tune all Integration activity
- Provides common functionality to plug-ins such as Logging, Monitoring, Configuration, Queuing, Priorities…
- Configurable components for common integration scenarios such as conditional access
- Components can be developed for client-specific needs by Hansen or 3rd party SI's
- Components can be updated independent of ICX – separate export/import functionality is available



3. Q&A

LIVE

WORK

GROW

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POP ON BY.

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