Dynamic What? I'm Dynamic, Aren't You?

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Dynamic Data Center: Business Solutions on Demand

Continuous Delivery

Predictive Analytics

Bring Your Own Device

Big Data

Java

System z

Cloud Agility

Linux on System z

Exceptional User Experience

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No better time to be on the MAINFRAME

The Dynamic Data Center
Evolving Role of System z

DYNAMIC DATA CENTER

Infinitely Scalable

Dynamically expand and contract

Spans across platforms

Rapidly adapts

System z

CURRENT	0-18 MONTHS	12-36 MONTHS
Data Center	Private Cloud	Hybrid Cloud

Transaction Processing Engine → **Cloud Component** → **Cloud Platform**

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Evolving the Dynamic Data Center

Agile Delivery

Software Change Control

Quality Assurance

Service Virtualization

Performance Management

DYNAMIC DATA CENTER

System z

Cloud Services

Security

Big Data

Governance

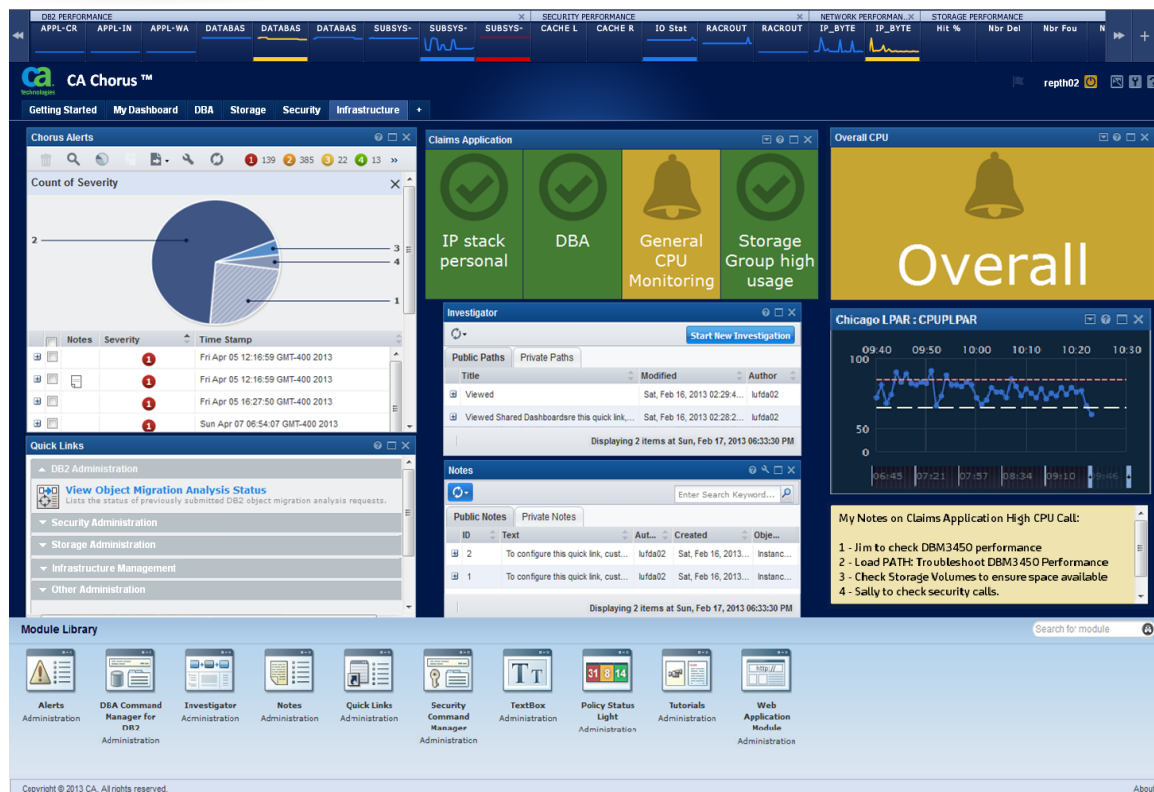Predictive Analytics
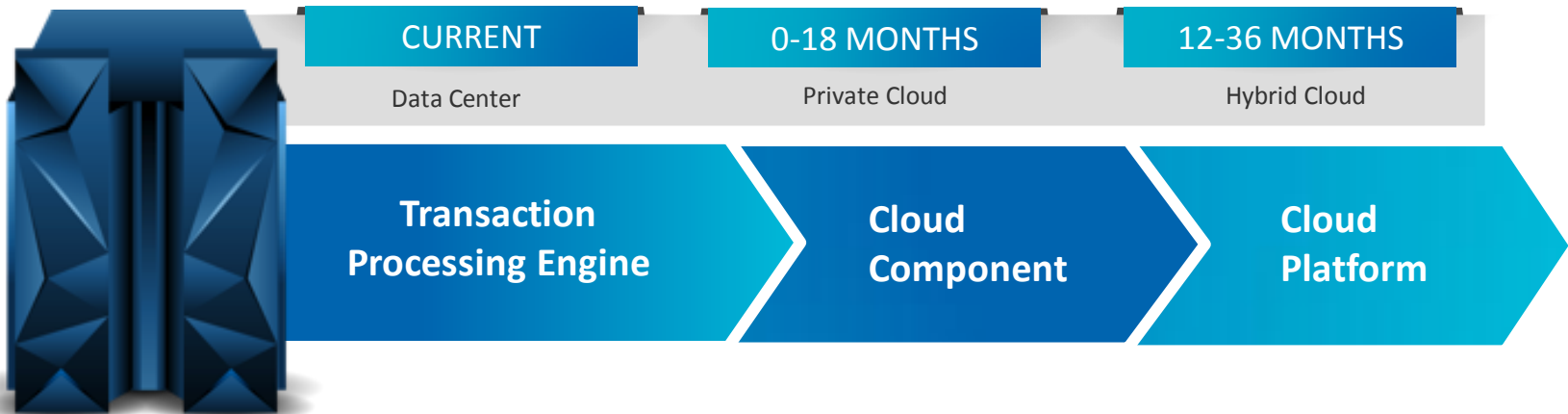
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Dynamic IT Management
CA Chorus™

DEFINITIVE MANAGEMENT TOOL FOR THE DYNAMIC DATA CENTER

INCREASE EFFICIENCY
using integrated workspace

SOLVE PROBLEMS FASTER
with graphical diagnostics

ACCELERATE LEARNING CURVE
through knowledge capture

REDUCE ERRORS AND RISK
with proactive analytics and automation

CA Chorus™ It's all about results for you and your business

See the video

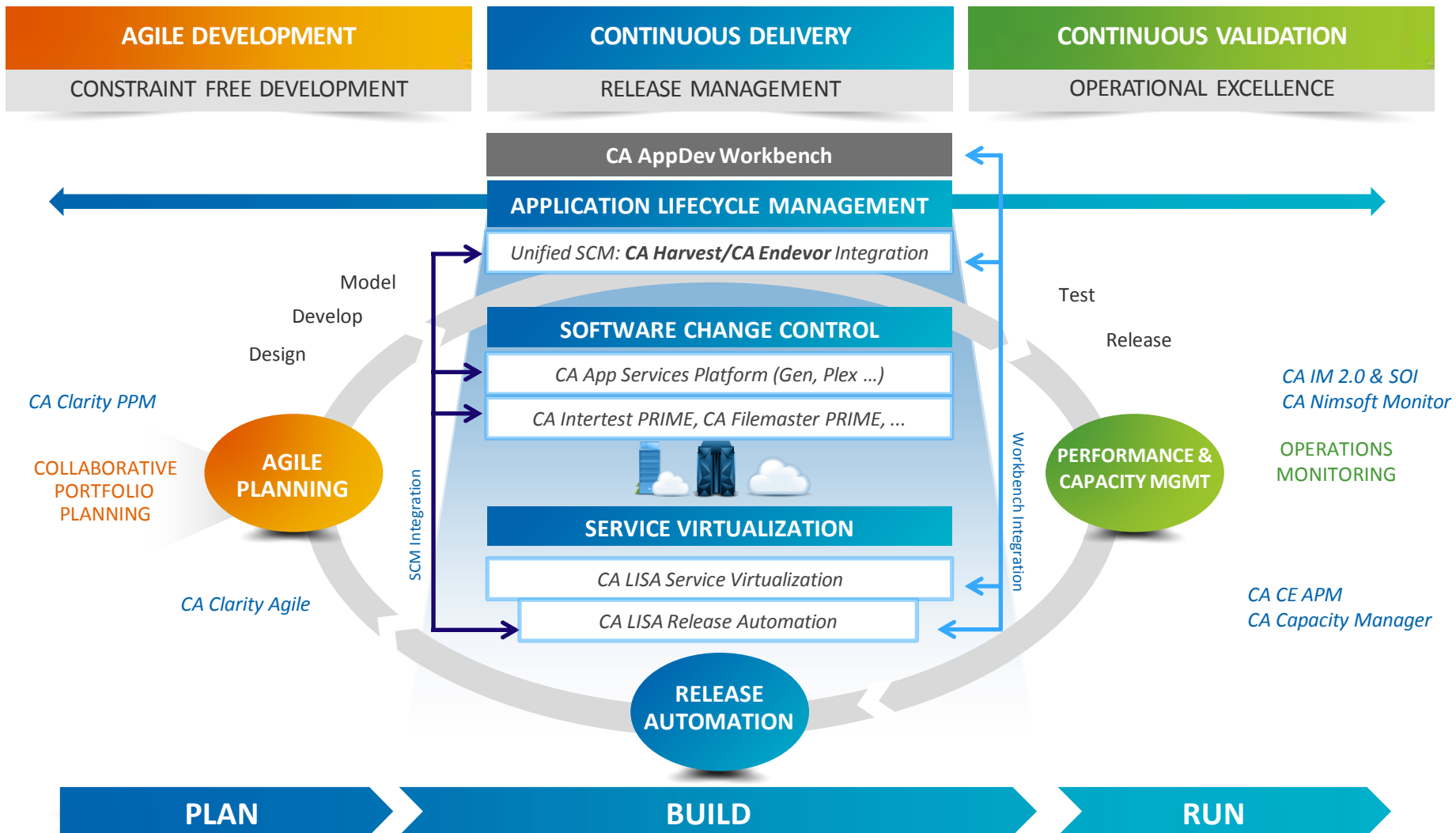Experience CA Chorus

Learn more

ExperienceCAChorus.com

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Workload Portability and Agility
CA Workload Automation

Physical, Virtual, Cloud

Process Automation

Business Agility

DevOps

Mitigate Risk

Predictive Analytics

Service Levels

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Dynamic DevOps Strategy
Integrated for Continuous Development and Deployment

AGILE DEVELOPMENT	CONTINUOUS DELIVERY	CONTINUOUS VALIDATION
CONSTRAINT FREE DEVELOPMENT	RELEASE MANAGEMENT	OPERATIONAL EXCELLENCE

CA AppDev Workbench

APPLICATION LIFECYCLE MANAGEMENT

Unified SCM: **CA Harvest/CA Endevor** Integration

Model
Develop
Design

Test
Release

SOFTWARE CHANGE CONTROL

CA App Services Platform (Gen, Plex ...)

CA Intertest PRIME, CA Filemaster PRIME, ...

CA Clarity PPM

COLLABORATIVE
PORTFOLIO
PLANNING

**AGILE
PLANNING**

SCM Integration

Workbench Integration

**PERFORMANCE &
CAPACITY MGMT**

CA IM 2.0 & SOI
CA Nimsoft Monitor

OPERATIONS
MONITORING

SERVICE VIRTUALIZATION

CA LISA Service Virtualization

CA LISA Release Automation

CA Clarity Agile

CA CE APM
CA Capacity Manager

**RELEASE
AUTOMATION**

PLAN	BUILD	RUN

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Empowering the Dynamic Data Center
CA Vision and Roadmap Themes

Unified Automation strategy

CA Delivery Framework					
Infrastructure SIMPLICITY	Maximize platform value	Accelerate software deployment	Simplify software management	Facilitate collaboration & knowledge transfer	Automate and integrate across IT disciplines
Enterprise VISIBILITY	End-to-end security	End-to-end data center auditing	End-to-end performance management	End-to-end application development & management	Automate and integrate across platforms
Management FLEXIBILITY	Mobile access to management functions	Management from/to any platform	Private & hybrid cloud enablement	3rd party integration via SDK	Data analytics enablement
Workload PORTABILITY	High availability infrastructure	Disaster recovery & business continuity	Policy-based placement & control	Continuous development & deployment	Open-Stack support for interoperability

High Availability strategy

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The Mainframe and the DDC "On and In"
Making the Mainframe more Mainstream

Use the Cloud

IN

Play in Hybrid Cloud

IN

ON

Host the Cloud
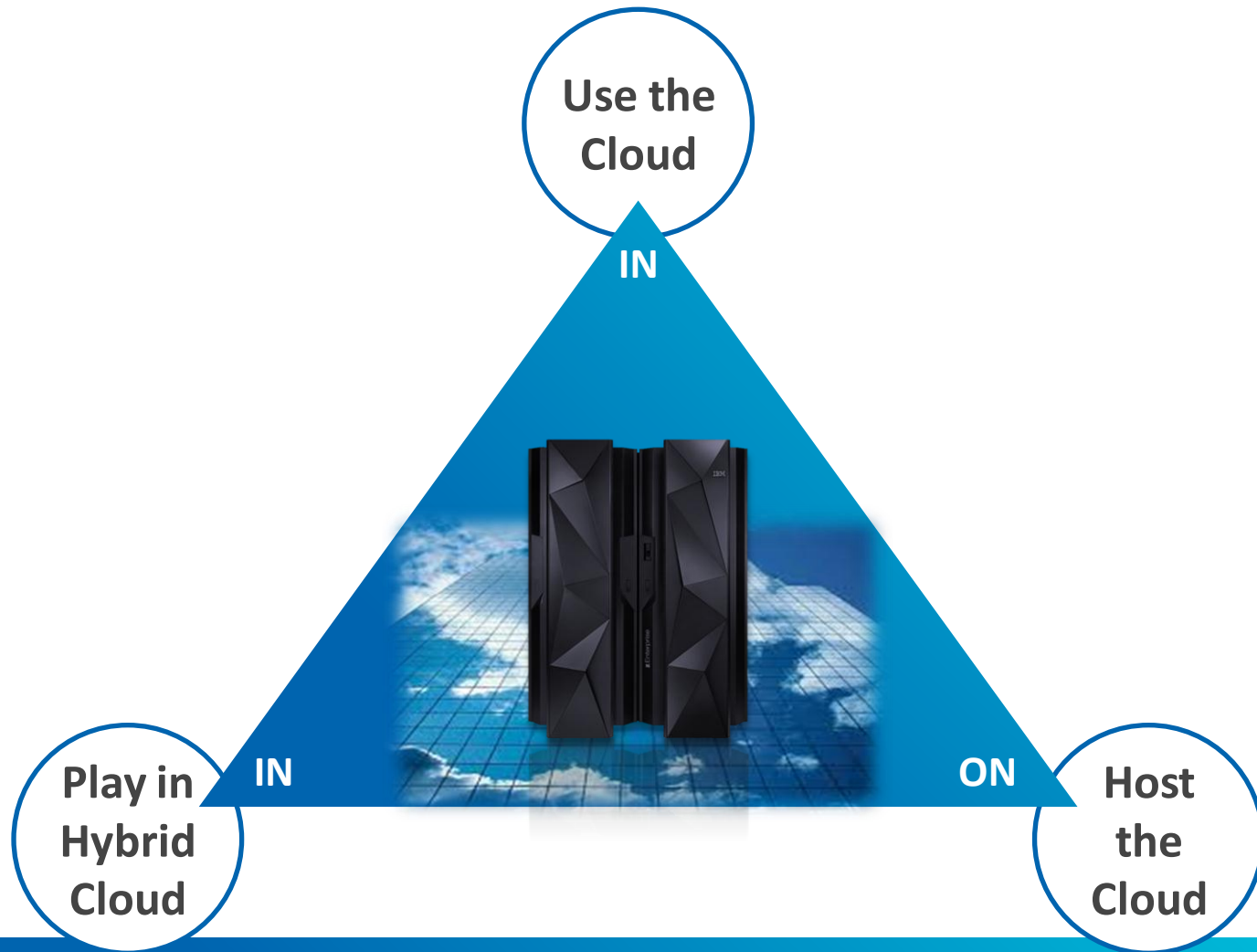
Just because the Mainframe is Exceptional, doesn't mean it needs to be an Exception

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Solution Overview:
A Traditional Storage Configuration

W
A
N

Solution Overview:
CA Cloud Storage for System z

Cloud Deployment and Management
CA AppLogic for System z

Full Lifecycle Management of System z Cloud Services

PROVISION
Accelerate System z
cloud deployment

Increase responsiveness

MANAGE
Simplify management of
cloud applications

Reduce cost

DE-PROVISION
Quickly locate and
remove instances

Increase efficiency

CONNECT
Easily connect to z/OS
transactions and
databases

Increase performance and reduce risk

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Simplify Linux on System z
and accelerate mainframe cloud

CA AppLogic® for System z

Quickly design, provision and manage cloud applications on System z

Reduce costs and increase efficiency

- Host thousands of Linux on System z applications on a single zEnterprise server
- Replaces need for hundreds of distributed servers and their required network fabric

Easily connect to z/OS transactions and databases

Self-service provisioning on System z combines cost reduction and agility with massive scalability and reliability

Cloud Services
CA LISA® Service Virtualization

Remove Constraints for Faster Development and Testing, Lower Costs and Better Quality

"I have everything I need, when I need it!"
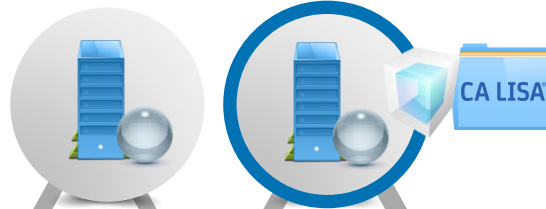
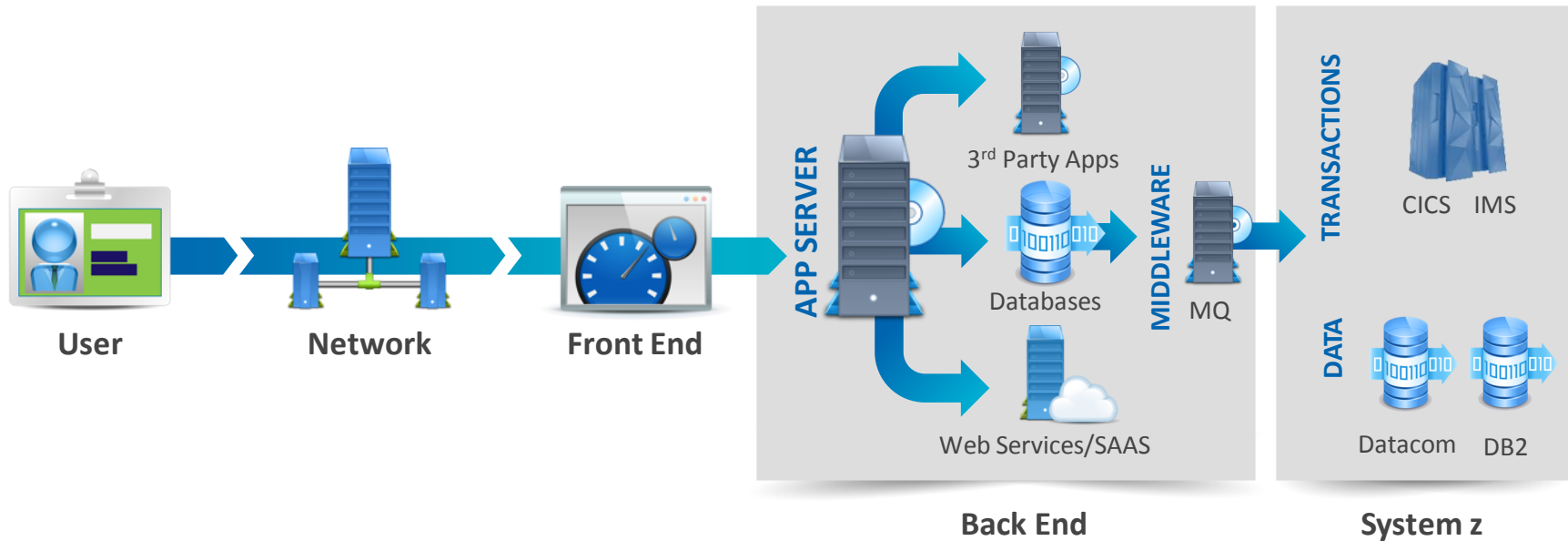INCOMPLETE DEVELOPMENT

SYSTEM UNAVAILABLE

INVALID DATA

ACCESS FEES

Application Visibility
CA Cross-Enterprise Application Performance Management

Innovate Through Cross-platform Visibility

User → Network → Front End → APP SERVER → 3rd Party Apps, Databases, Web Services/SAAS → MIDDLEWARE (MQ) → TRANSACTIONS (CICS, IMS), DATA (Datacom, DB2)

Back End — **System z**

End-to-end Application Visibility – Anytime, Anywhere

Get the right information to the right people
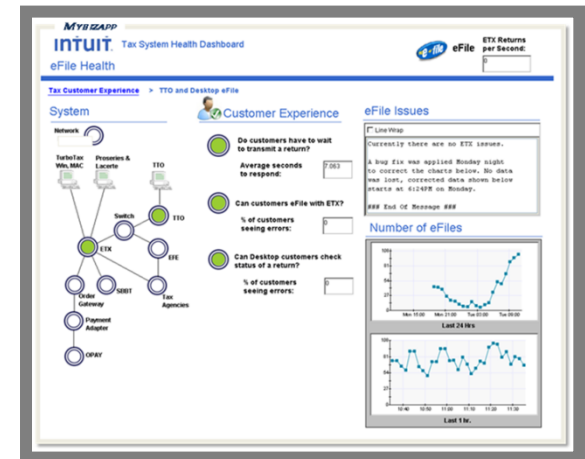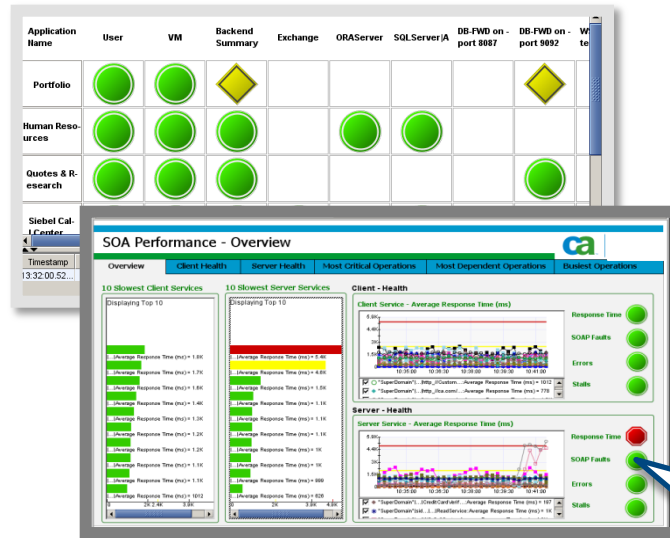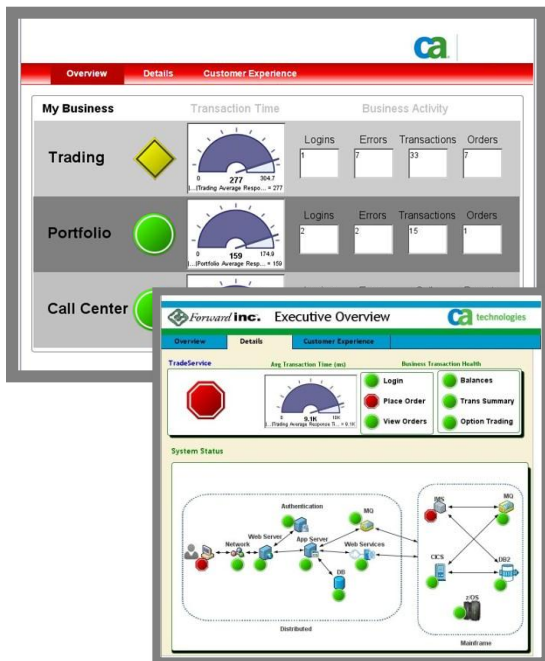
LOB Manager

- I need visibility into the customer experience
- What's the number of orders that are processed daily?

Operations

- I want to see problems before customers do
- I want a constant pulse on customer success rate
- I need to know who to contact when alerted

CIO

- I must ensure SLAs are acceptable
- Is my team is working efficiently and are our costs under control

Share a single source of application performance truth - in a format friendly to each audience

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The Dynamic Data Center
Summary

Private Cloud	Hybrid Cloud	Public Cloud

CA Chorus
- Unified workspace
- knowledge management
- Data and functional integration

Flexibility to Support any Datacenter Deployment

Cross Platform Solutions
- Mainframe, distributed, cloud, mobile
- Workload portability and visibility
- DevOps

Extend to Support New Cloud Environments

Next Generation
- Cloud services
- Big Data and analytics
- Application modernization

Embracing Next Generation Cloud, Big Data and Infrastructure Management

CORE FOCUS ON EXCEPTIONAL CUSTOMER EXPERIENCE

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Why
be dynamic?

What
is it?

How
do I get there?

The
Dynamic Data Center
Get Dynamic. Get Results.

ca.com/getdynamic

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