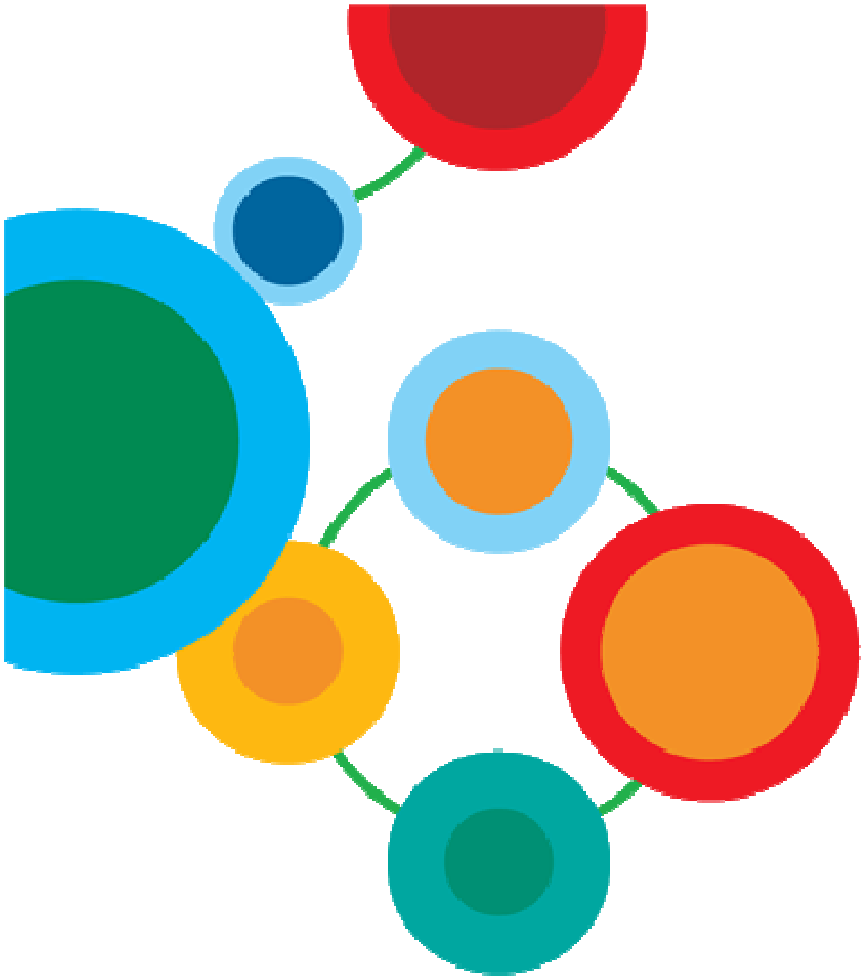

IMS V12 QPP Results
Quality Partnership Program

Session Number 3049

Kari Ann Briski, IBM

Ann Sheridan, IBM

IBM Software

Information On Demand 2011

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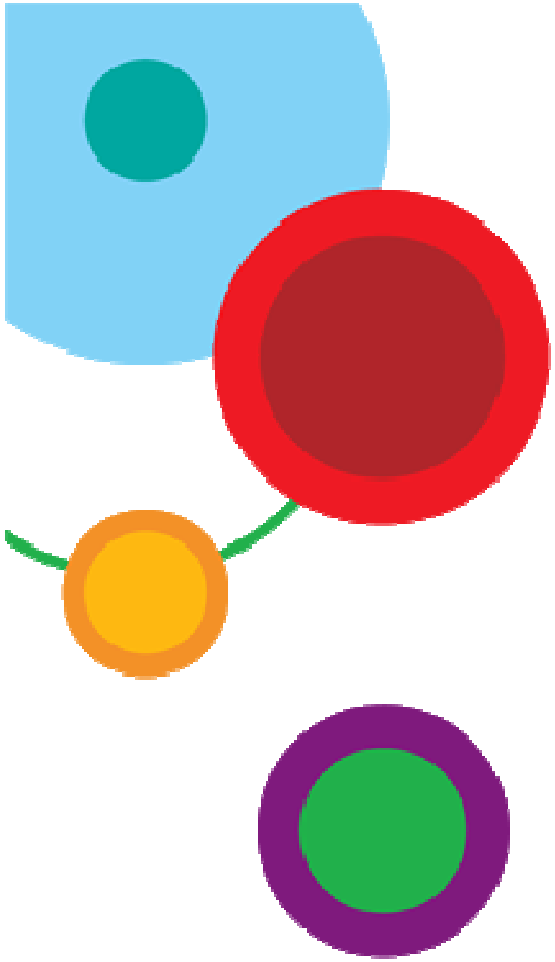
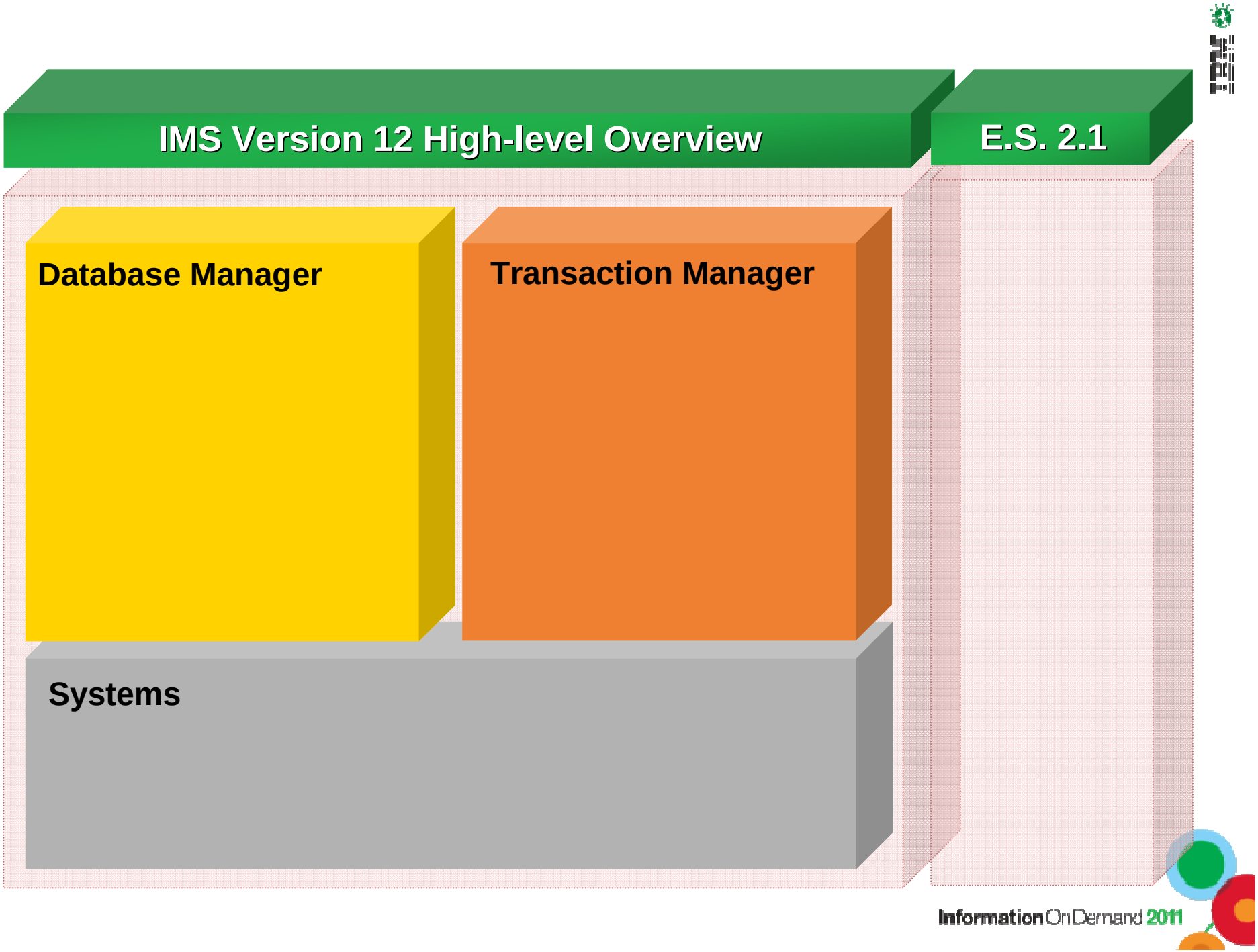


AGENDA

- **Glance at IMS V12**
- **What is the QPP Program**
  - Value to Customers
  - Value to IMS
- **QPP Customer Profiles**
- **QPP Customer Insights**
- **Summary**
- **V13 QPP Potential**

Slide #s


IMS Version 12 High-level Overview
E.S. 2.1
Database Manager
Transaction Manager
Systems

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Database Manager

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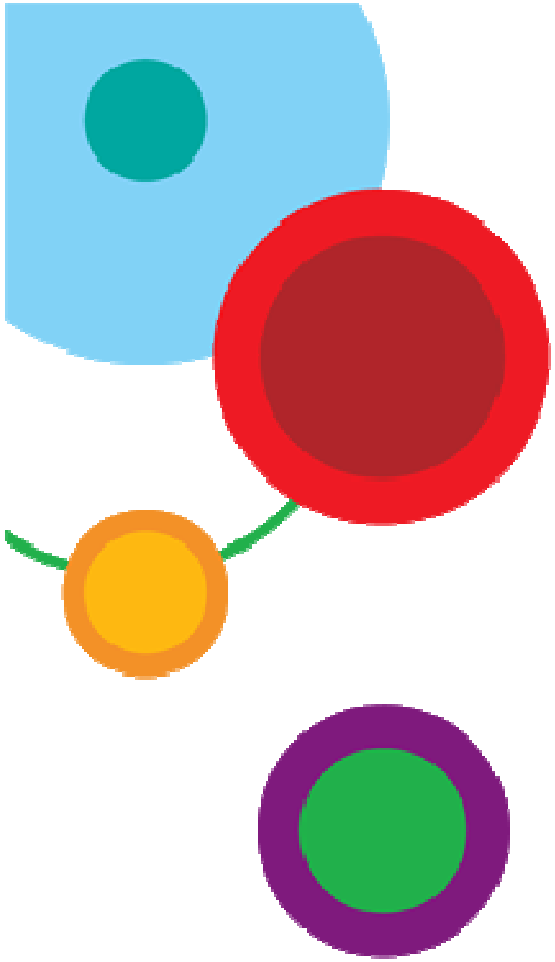
E.S. 2.1

- IMS Explorer
- SOAP Gateway
- IMS Connect APIs (C, JAVA)
- DL/I Model Utility Plugin
- JMS API
- Base Services



The QPP Program

What is the Quality Partnership Program?

A **partnership** with key customers and vendors to ensure that our product is production ready before it goes GA

What makes IMS QPP Unique in the Software Industry?

"Beta" programs are common for other IBM Software: Customers world-wide are invited to test the new code, giving valuable feedback to Development on the new capabilities.

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IMS has the Quality Partnership Program (QPP): the **key differentiator**: customers progress the code to their *production* environments ***prior*** to the General Availability (GA).

At the close of the QPP, Customers are invited to preview and provide feedback on the forthcoming releases.

How do customers benefit from the QPP Program?

Customer QPP Benefits

- Key differentiator is that the customers progress the code to their production environments prior to the General Availability (GA).
- This allows IMS to be stress-tested in many varied and unique environments

Customer QPP Benefits

- IMS involves its QPP Customers from the beginning
- QPP Customers are active participants throughout the development process
- Provide feedback in the planning and design of the new functions
- Input well before the product is even available for testing during the QPP

Customer QPP Benefits

- Service maintenance is provided at regular intervals (usually weekly)
- Maintenance is in SMP/E installable format
- Full support for problem management reporting is provided through the normal Software Support channels

Customer QPP Benefits

- Independent Software Vendors (ISVs): providing tools for use with IMS (including IBM)
- Invited to participate in an Early Test Program (ETP)
- Starts ahead of, and then runs in parallel with, the QPP
- This enables the ISVs to get their tools ready to tolerate the new IMS release at QPP start.

Customer QPP Benefits

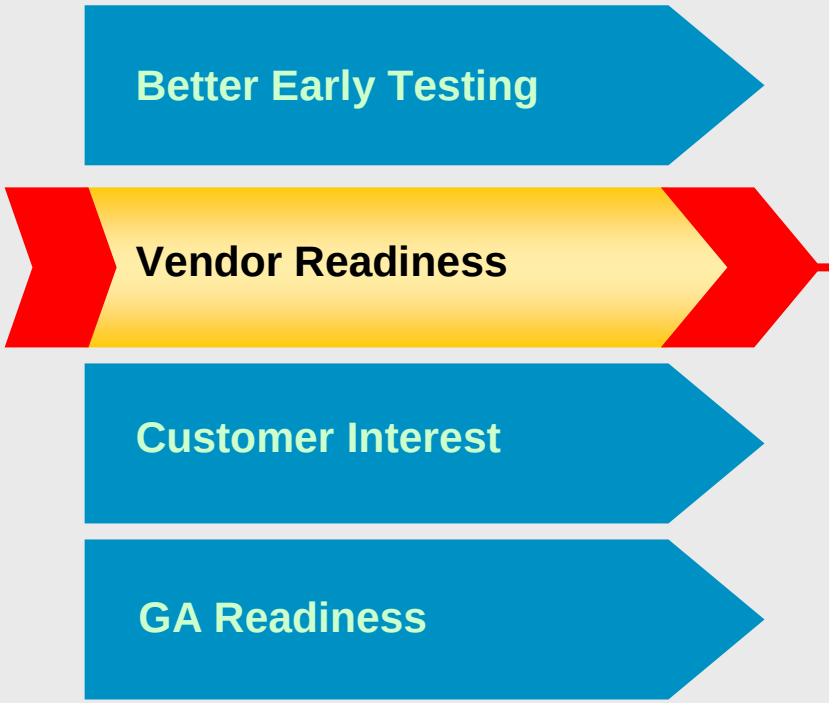
- Head start on migration and usermods
- The QPP code can be taken into production
- No re-installs when the code becomes GA

How does IMS benefit from the QPP Program?

IMS QPP Benefits

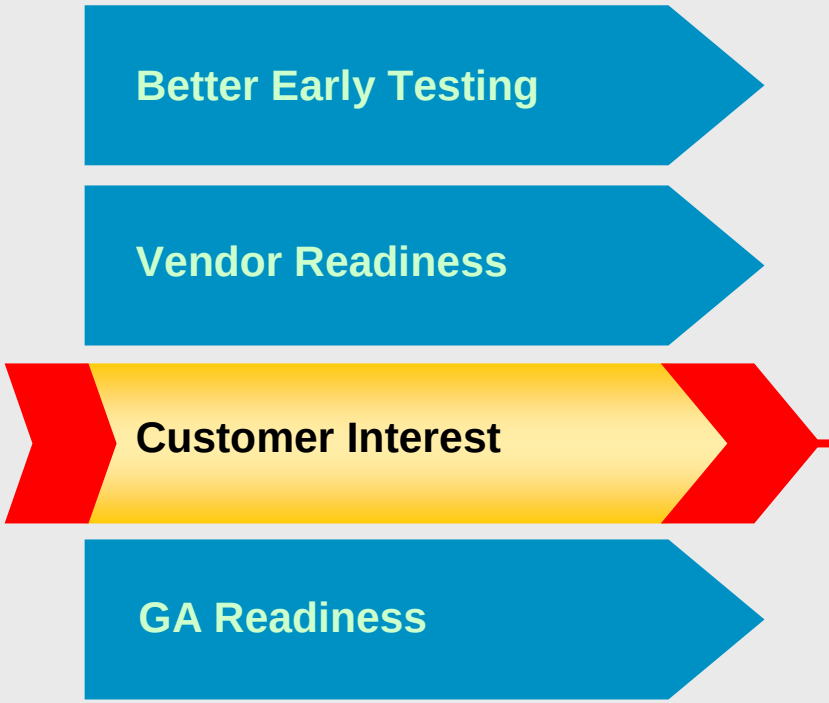
- Technical issues with new functions and the base product can be identified early.
- The code can be tested in additional Customer environments, with various combinations of functionality, load, and products.
- Defects can be removed and documentation improved.

IMS QPP Benefits



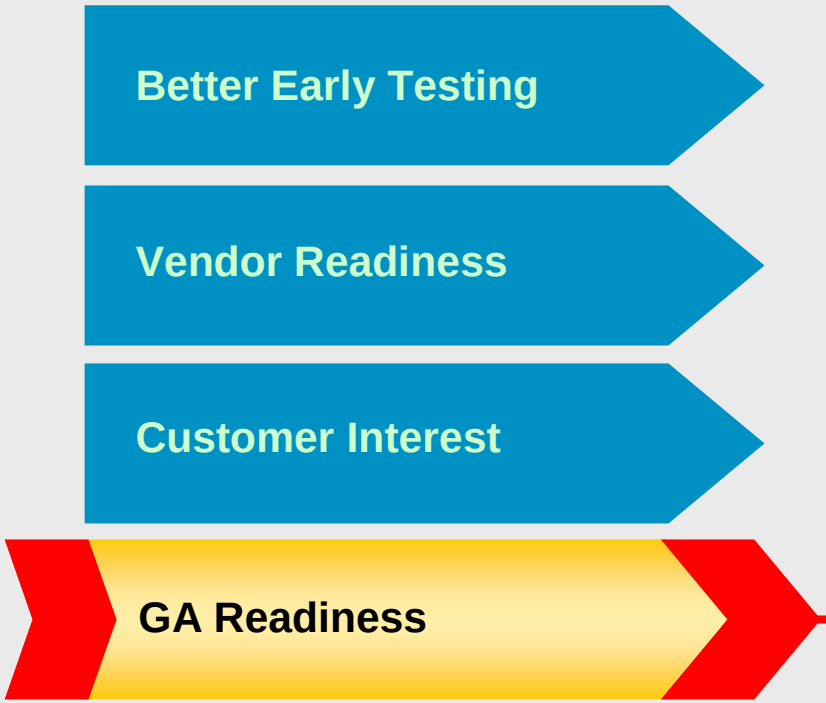
- Need vendor participation for a successful program
- Over 26 Vendors work with us to make QPP work for our customers and their tools
- Vendor product readiness at GA driven by the QPP cycle.

IMS QPP Benefits



- Customers agree to be Reference Accounts for IBM Marketing
- Customers develop interest in migrating to the new release

IMS QPP Benefits

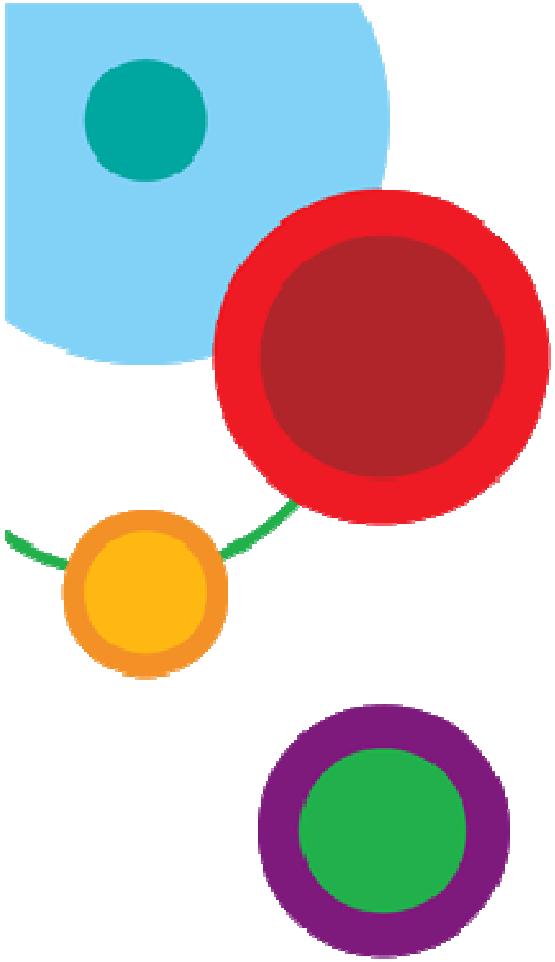


- Validation of GA readiness
- A few month's prior to the planned GA, all Customers are asked to complete a survey
- QPP Customers rate the product and providing input as whether the new version is ready to be made Generally Available

IMS Friends

IBM products continue to deliver new levels of tooling and integration.

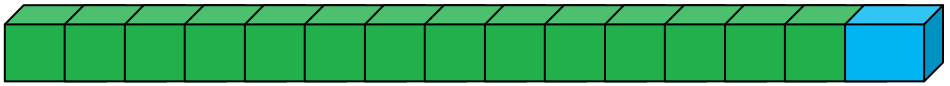
- Enterprise clients can take advantage of Rational Developer for System z (**RDz**) to maintain and enhance trusted IMS applications and develop web applications.
- **WebSphere** applications can also access IMS database data directly.
  Using the IMS DB Resource Adapter and IMS Open Database Access,
- **Infosphere**, replication active/active active query; helps increases the availability of IMS data whether it is for a continuous availability strategy
  or ensuring the timely distribution of critical enterprise information.
- **Guardium** – support for IMS DB
- **IMS Tools**
- Tivoli **Omegamon**
- **CICS** 4.2 open transaction envioronment help our DB control customers



The V12 QPP Program Profiles

V12 QPP Stats and Info

- 15 Customers



- 1 IBM Internal
- 26 Vendors

V12 QPP Stats and Info

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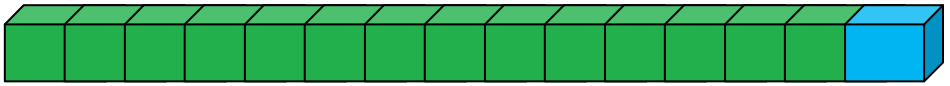

- 1 IBM Internal
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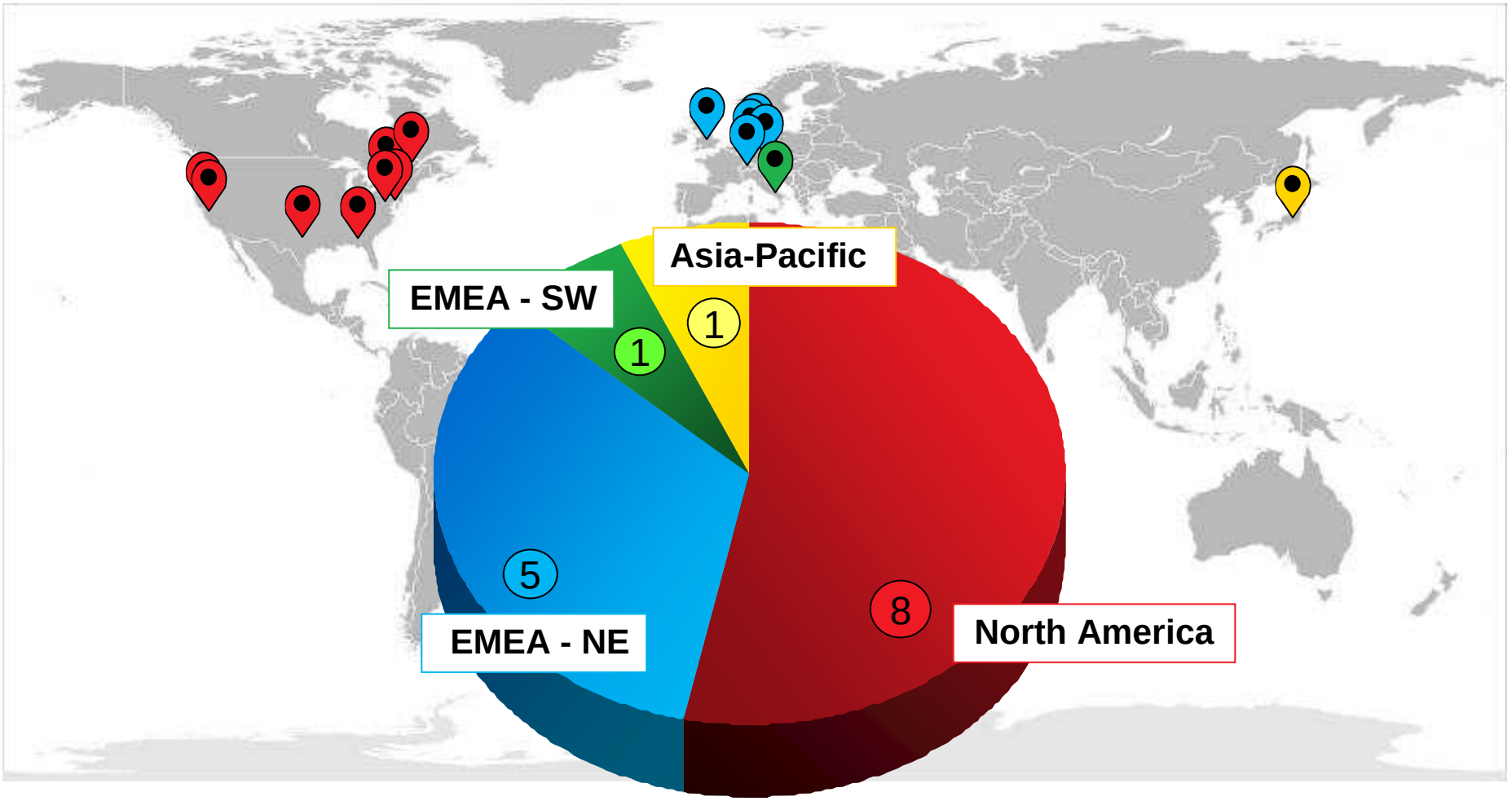
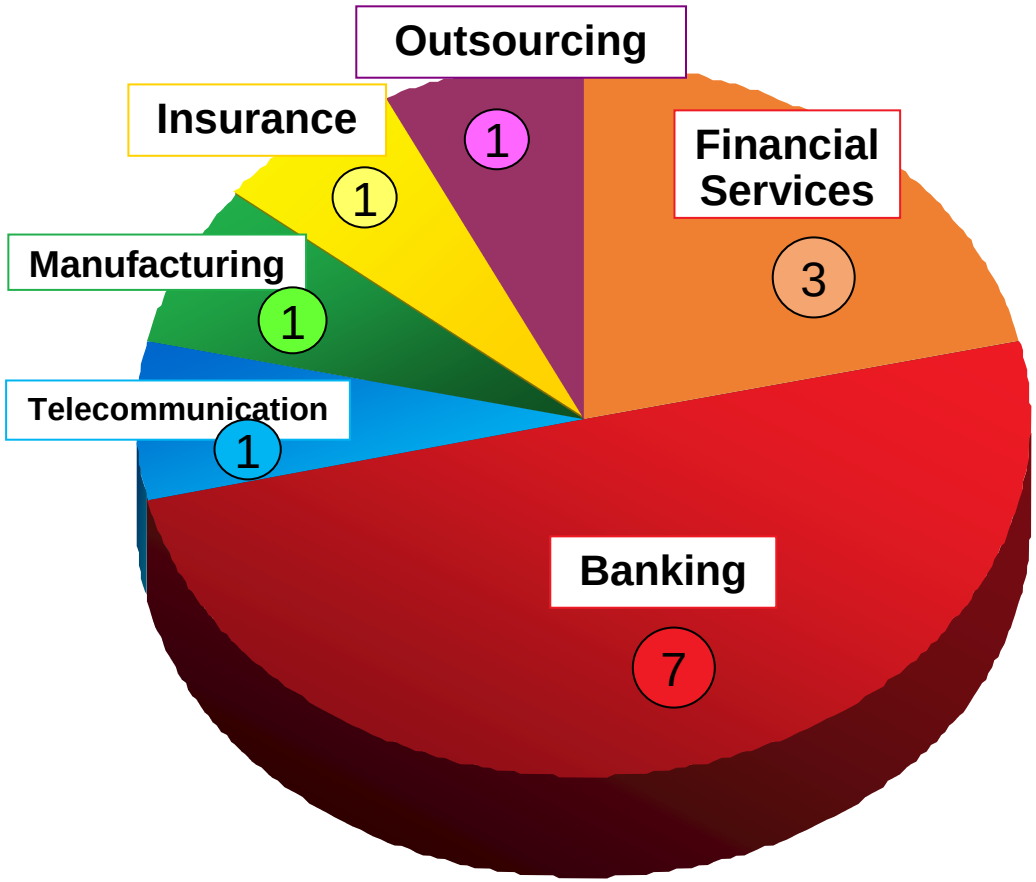
- 5 Customers running IMS V12 in mission critical production (includes both high and low volume production)

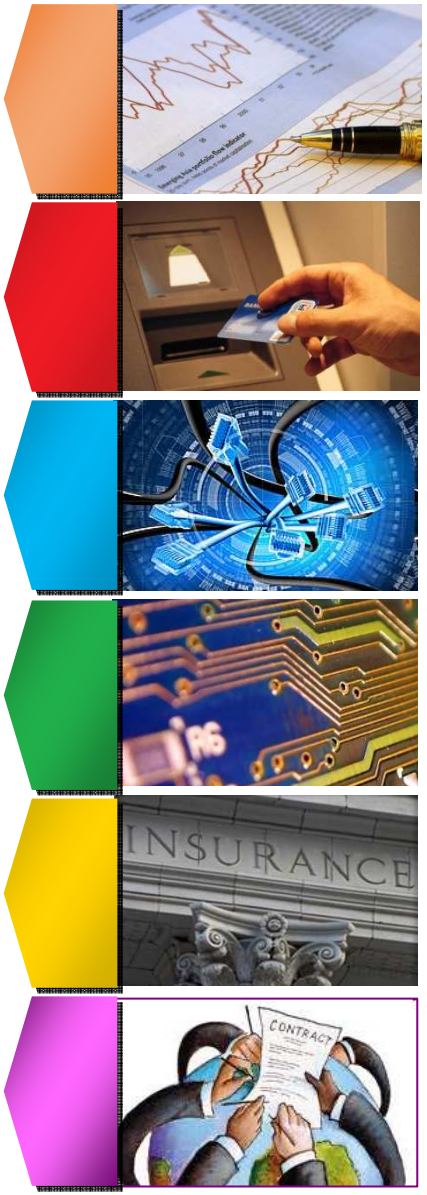
- IMS QPP Customers …
  - Represent high-end, leading edge IMS users
  - Use very complex parts of the product
  - Heavy representation of data sharing and shared queues
  - Comprehensive segment of IMS population of customers

QPP Customer GEO Makeup

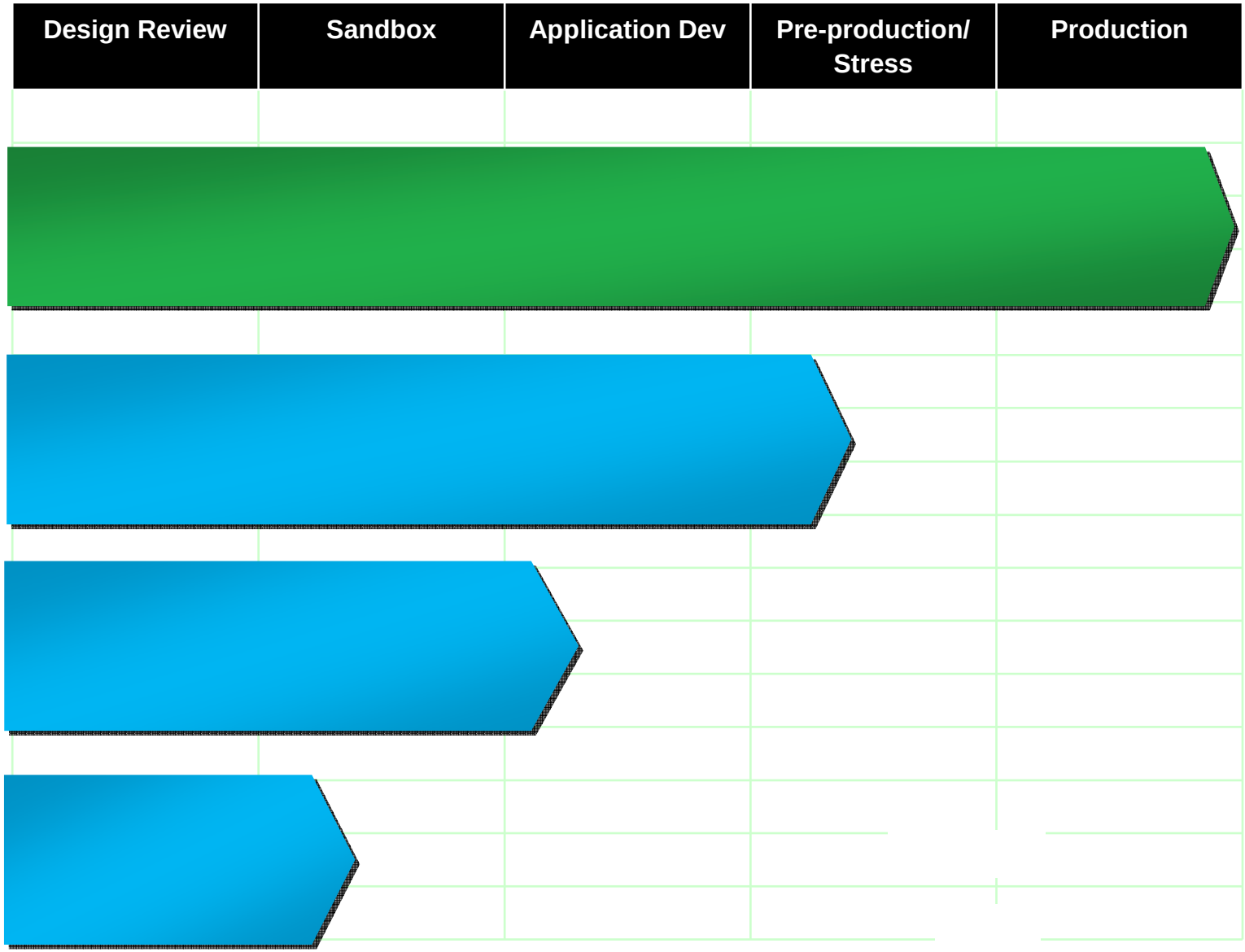


QPP Customer Industry Profiles





States of the QPP Program



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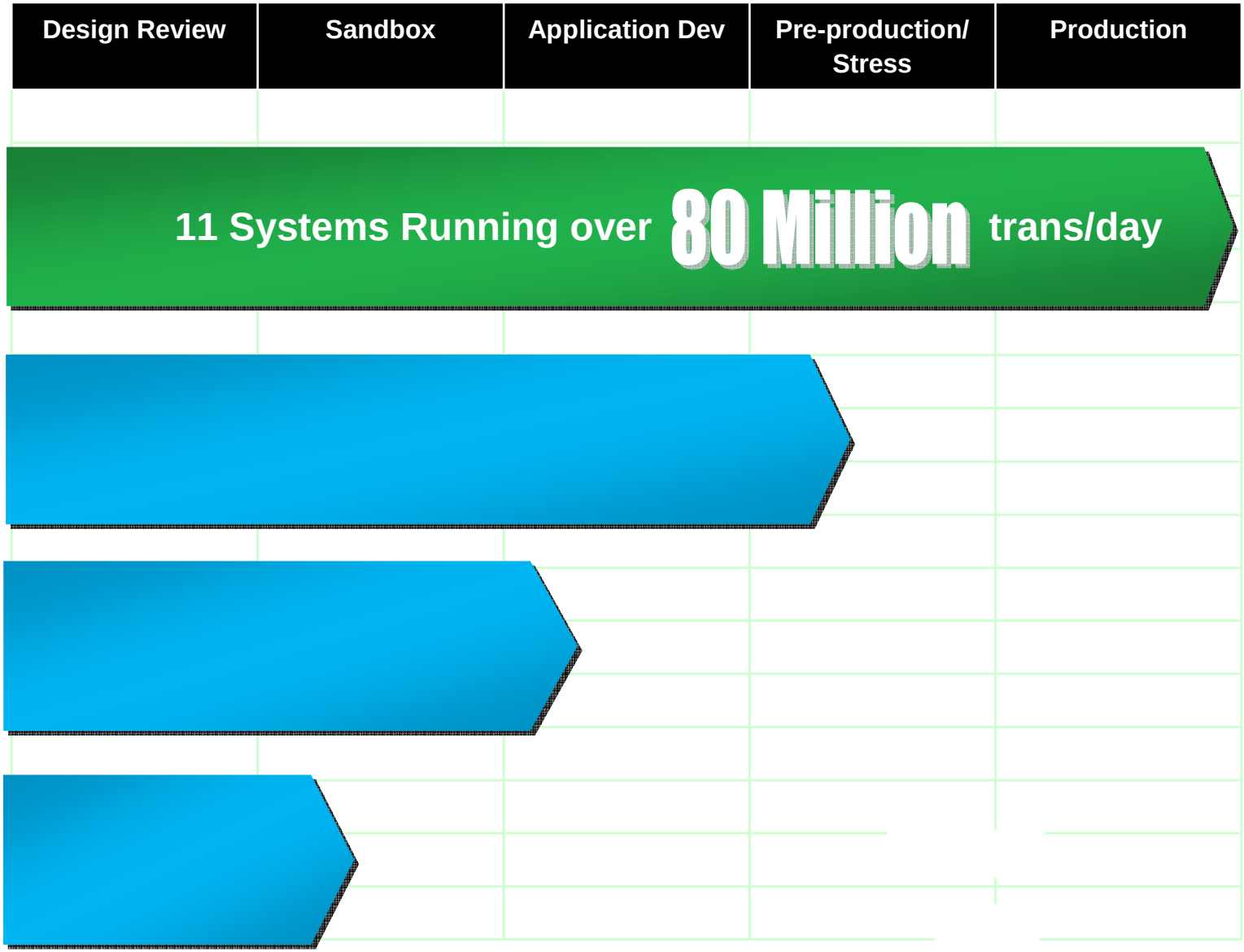

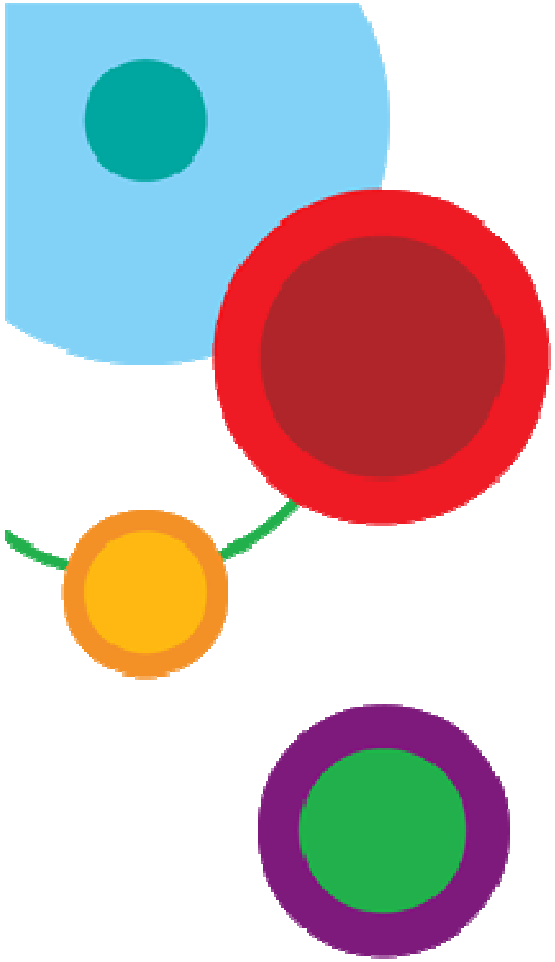

V12 QPP Customer Insights

- Fiducia
- Signal Iduna
- Texas Instruments
- GAD

QPP Customer: Fiducia

Reasons for joining the IMS QPP

- Support
- Input into requirements (help to shape the product)

Features/Functions tested

- **Repository –** bring more simplicity, security and reliability as we can share it between the systems
- **MSC over TCP/IP** – to simplify our network infrastructure

Benefits

"The IMS Repository and the MSC TCP/IP features in IMS V12 allow us easier maintenance; The IMS Repository will bring us more simplicity, security, and reliability, as we can share it between the systems."

"We are participating in the QPP as it gives us an excellent support from the lab and allows us to work together on individual requirements."

FIDUCIA
Ihr IT-Partner

I am IMS IBM

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QPP Customer: Signal Iduna

Reasons for joining the IMS QPP

- Get direct access to up-to-date info
- Build and grow our own skills
- Collaborate with other QPP customers and vendors

Features/Functions tested

- **Repository** for easier management of system resources
- **TM RA** Multiple data-store enhancement

Benefits

- All involved departments were cooperating and working more closely and more focused on issues and challenges, especially changes with application development, this is of high value for the company
- The QPP did not affect other work or projects

"All departments getting involved in IMS QPP do recognize … the overall strength of IMS."

SIGNAL IDUNA

"With the IMS Repository and RDDS feature of DRD, we can manage our system resources much more easily; change management is more efficient and faster."

QPP Customer: Texas Instruments

Reasons for joining the IMS QPP

- Early view of the code
- Keeps GA installation ahead of schedule
- Voice within the IMS developers

Features/Functions tested

- **The /DIAGNOSE command:** an interactive method of diagnostic data capture to reduce the turnaround time for problem resolution
- Full Function **Dynamic Database Buffer Pool**: eliminate systems downtime for buffer pool management and improves flexibility and system availability.

Benefits

- Get the “ear of the developer”
- Love being able provide input to what functional enhancements get introduced
- Luxury of staying current with each IMS release
- Head start on our usermods

“Now we can be ready at GA”

“We don’t have to skip releases anymore.”

— Allen Carter,
TMG IT - Manager of Mainframe Operations,

Texas Instruments

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QPP Customer: GAD

Reasons for joining the IMS QPP

- Get all IMS systems to IMS 12 by October, 2011.
- The last 4 systems were migrated Saturday (10/22)
- GAD is ALL IMS 12 now.

Features/Functions tested

- Dynamic DB buffer pool
- Striping support
- Logger 64-bit enhancements for storage relief
- Synchronous APPC/OTMA shared queues enhancement

Benefits

- "The possibility of defining more than 16 VSAM Sub-pools gives us a lot more flexibility in assigning VSAM buffers to specific databases. This is a good performance issue"

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—Wolfgang Sicking

GAD
IT für Banken

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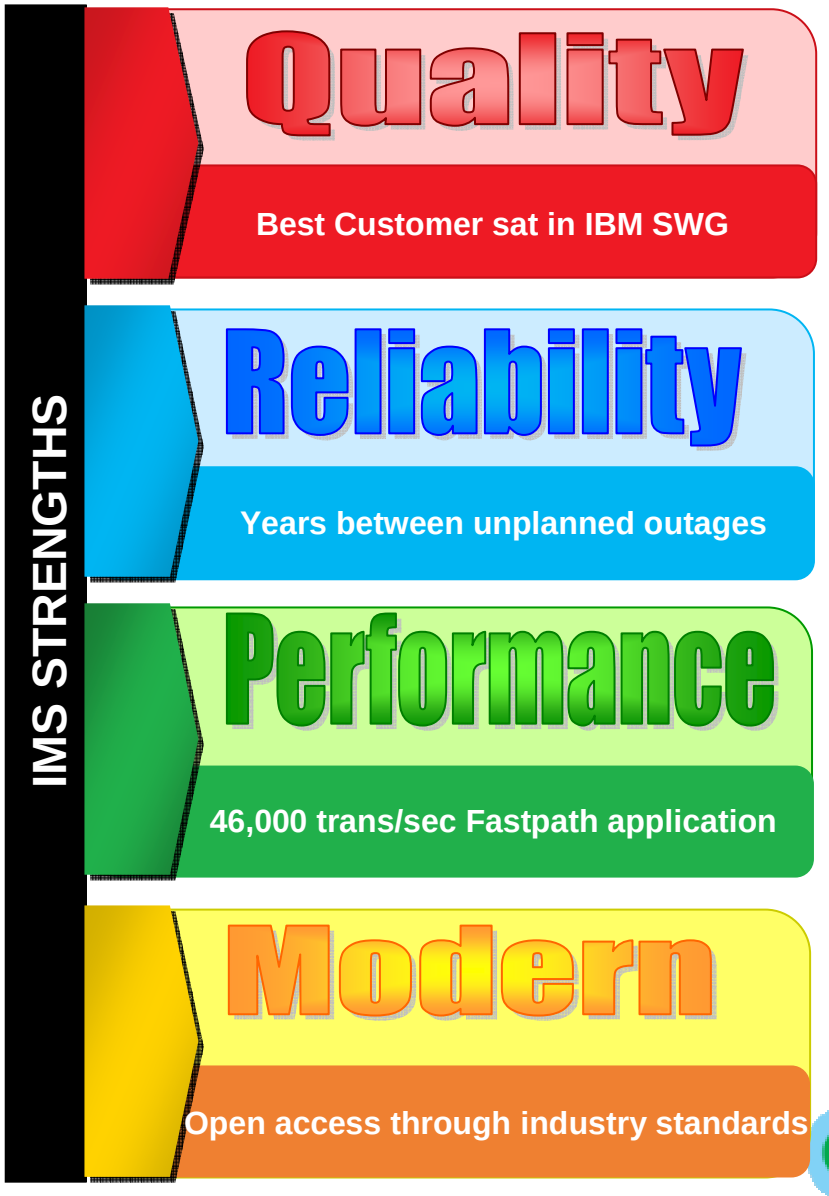
QPP Results

- IMS V12 delivers new functions with the same confidence and quality as always
- QPP Gives customers a voice and ensures we are delivering the right design
- V12 Base stability
- Reduces Vendor Issues
- Helps get started on usermods and migrations early
- V12 is READY – migrate today!
- Migration workshops starting in Q1



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