The next 50 years of value: Micro Focus COBOL & the IBM Mainframe

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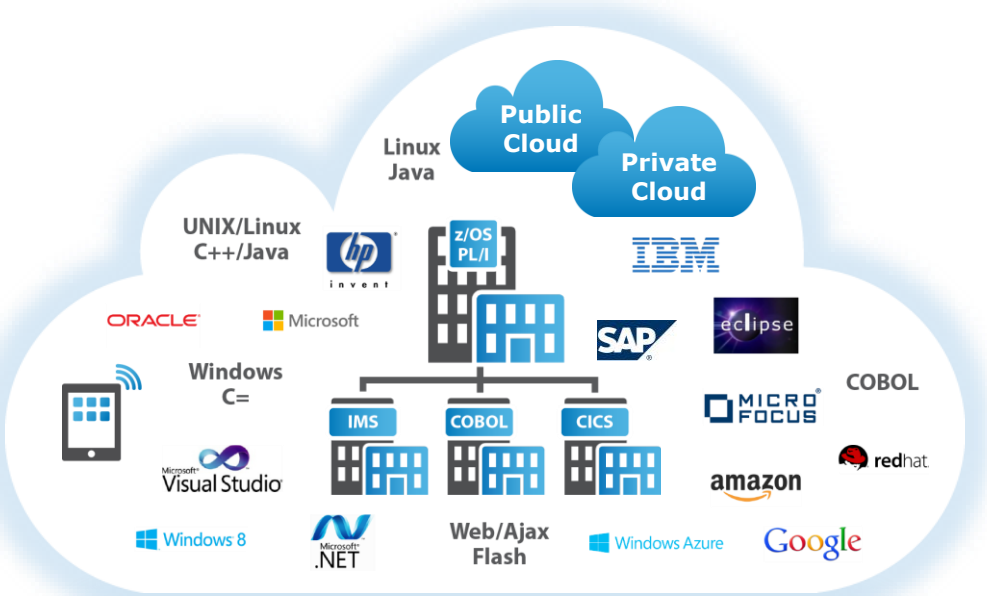
Micro Focus

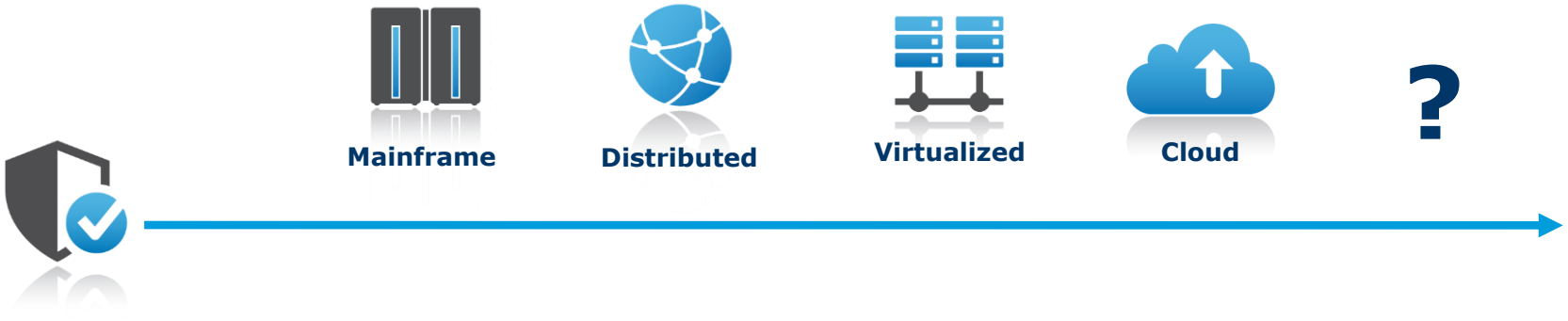
As an IT leader in the digital age, the mandate couldn't be simpler – deliver more value, faster.

Exploring smart ways in z13 to deliver ever more value, quickly



40+ years of innovation has delivered incredible returns but at the cost of huge levels of complexity

Micro Focus' portability delivers future investment savings



- COBOL applications written yesterday run on today's modern platforms
- COBOL applications written today will run on tomorrow's leading platforms
- COBOL is already part of the next generation of platforms
- Micro Focus is investing today so that business applications can support your business for the coming generations

Micro Focus bridges the old and the new, enabling customers to unlock the value in their core business applications

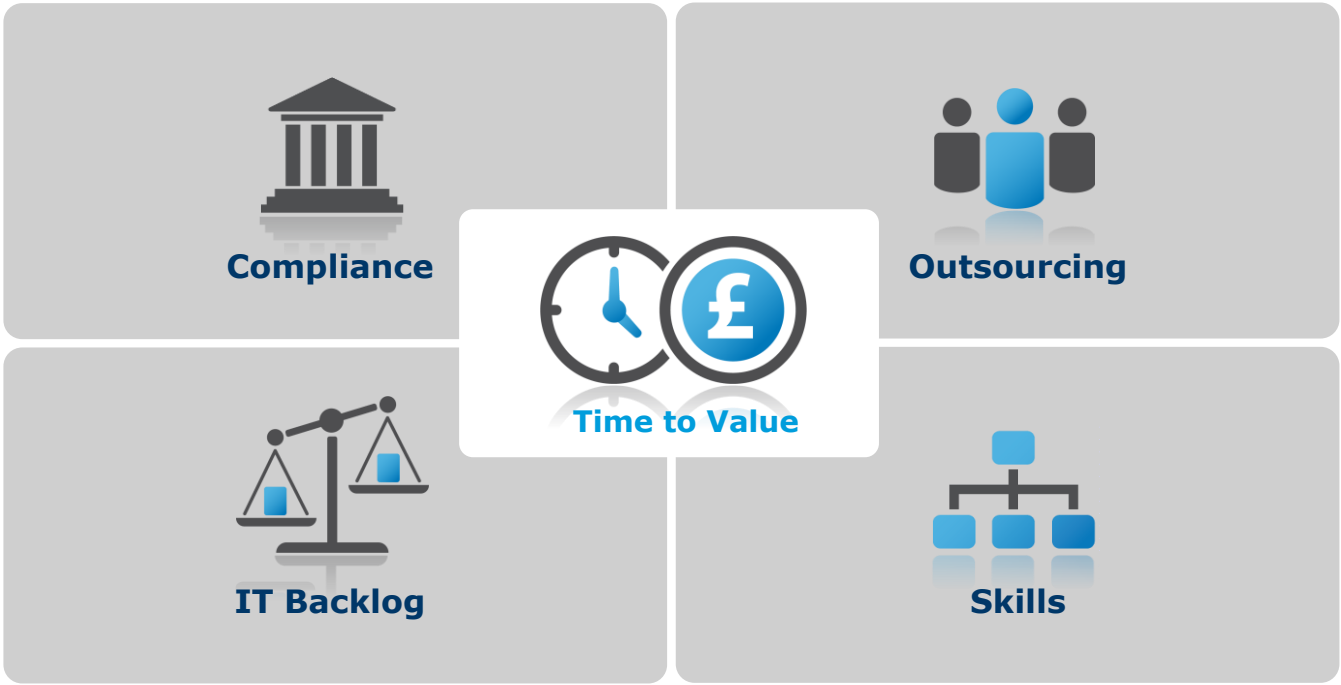
Bridging the old and the new in the enterprise

The barriers to change

Majority of IT spend
'keeping the lights on'…

…leaving insufficient
room for **innovation**

Time to Value – Driving Critical IT Projects



Accelerating Time to Value in the Enterprise

Streamlining the enterprise IT journey to deliver more value, faster

Knowledge

Enterprise-wide insight to support superior IT decision making

Insight

Manage drivers for change, Establish expertise to de-risk IT strategy, reduce redundancy and IT budgets

Understanding

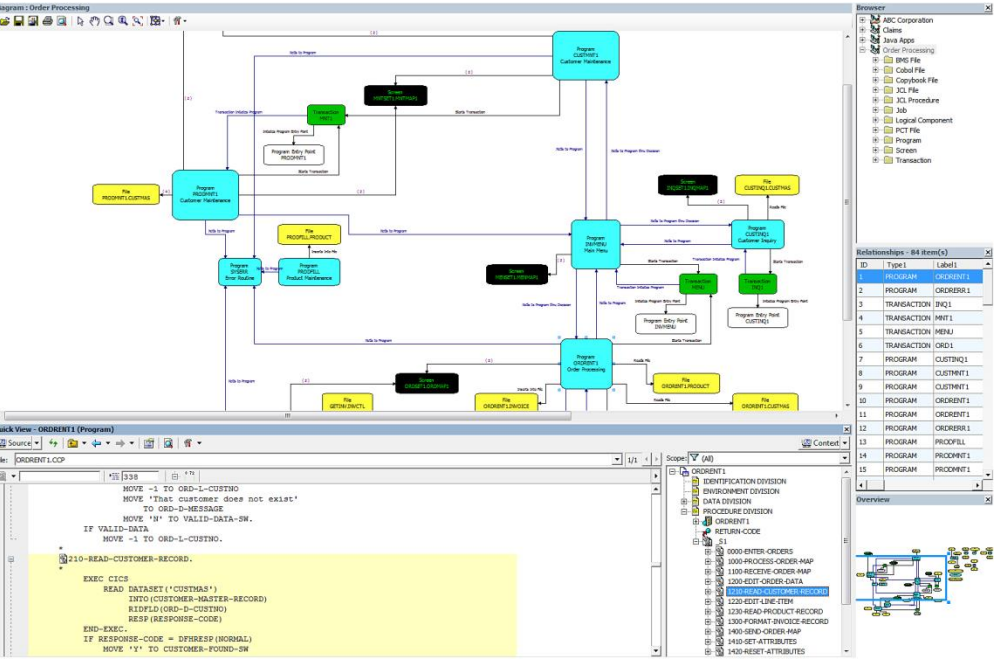
Review technical, operational and business impacts based on the only source of application truth – the applications themselves

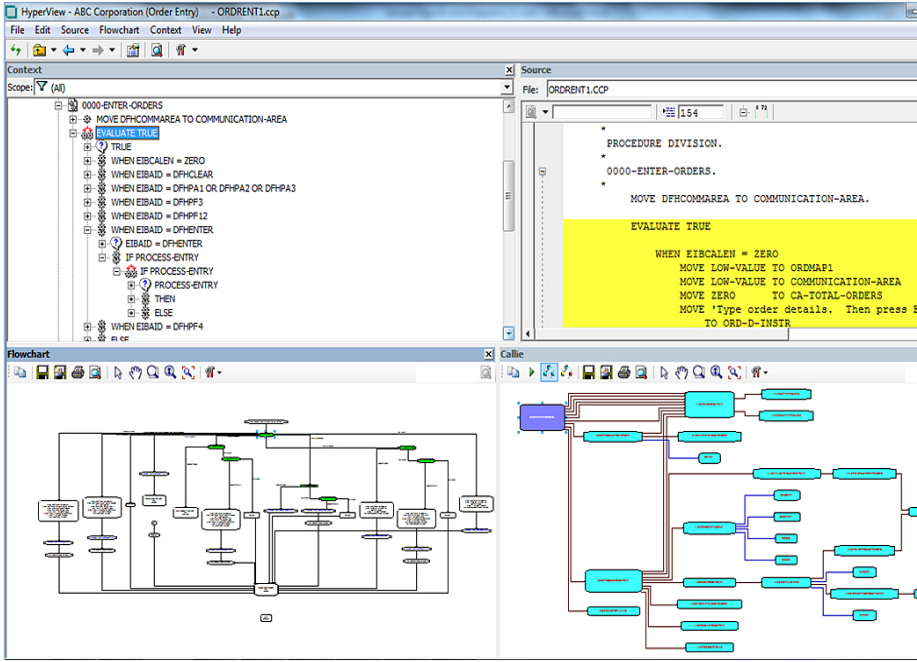
Acceleration

Provide knowledge at the point of change for application developers

Knowledge

Knowledge at the point of change for fast results





User Experience

Rapid, simple business application modernization

Mobility

Core applications are now available through web, desktop and mobile interfaces

Efficiency

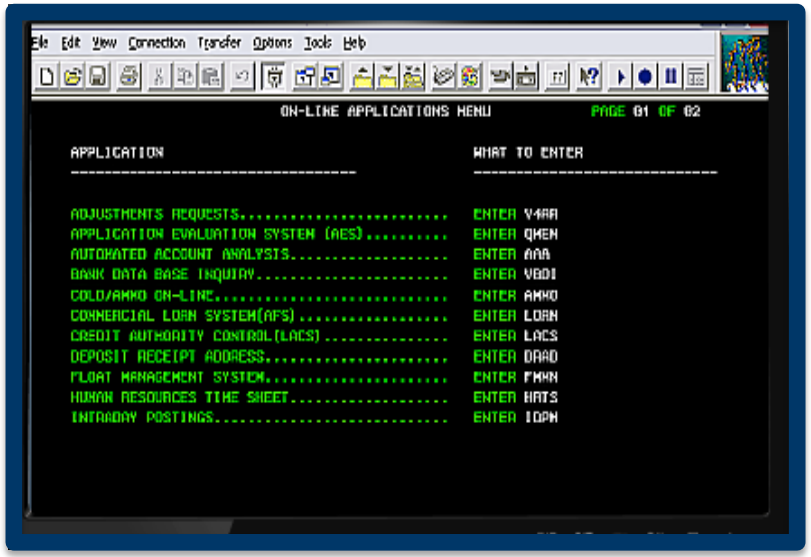
Modernizing core applications without having to change the underlying application accelerates business improvement; modern controls provide a more intuitive, efficient interface for users and customers

Simplicity

Complex multiple screens can be sanitized into simpler interfaces to reduce the complexity, time and risk of error for end users

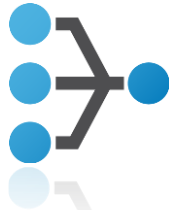
User Experience

Rapid modernization for dramatic business results



Develop

Best in class, efficient z Systems development



Streamline

Remove infrastructure limitations and unnecessary mainframe reliance

Accelerate

Maximise developer efficiency and improving delivery times by up to 40%

Extend

Introduce flexibility across the development life-cycle and enhance the resource pool

eclipse

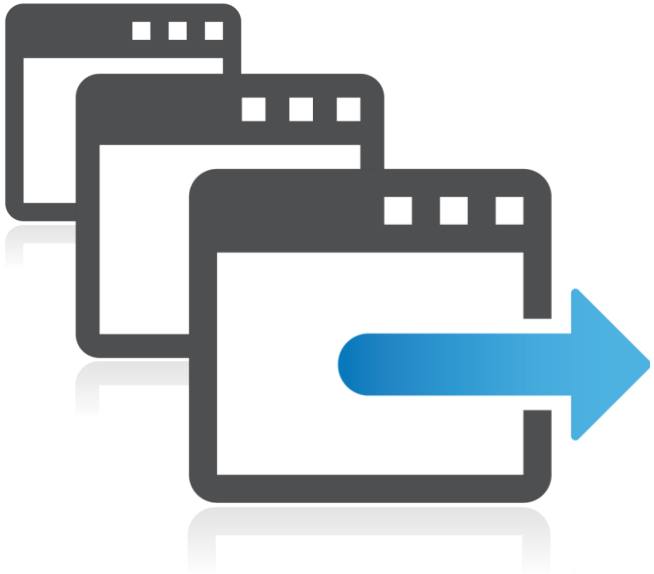
Develop

Streamline – removing barriers to efficiency

- Accelerated delivery time by providing access to contemporary development environment
- Maximize developer efficiency by reducing mainframe resource contention and wait time
- Rejuvenate the skill pool through adoption of industry standard technology
- Switch between connected or offload mode to get the best blend of instant change and reduced mainframe dependency

Develop

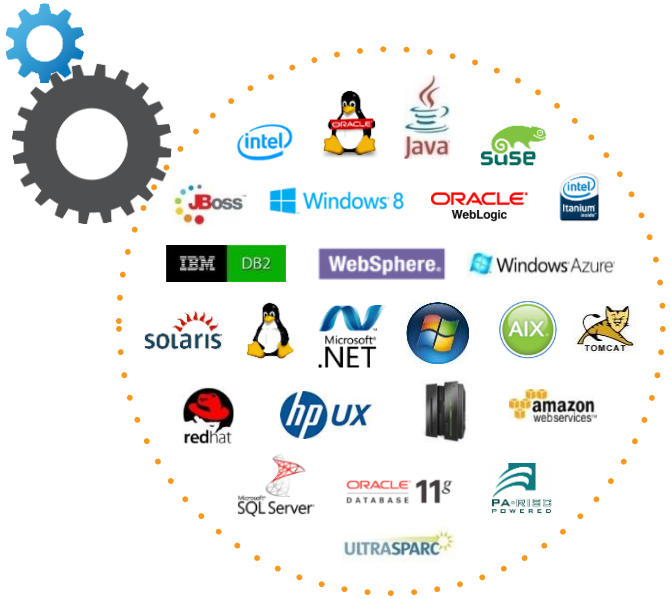
Accelerate – improve delivery times and maximize efficiency



- Instantaneous application change with zero wait time and no resource conflict
- Advanced editing and debug technology for fast error detection and resolution
- Remove barriers to unit testing to improve code quality

Develop

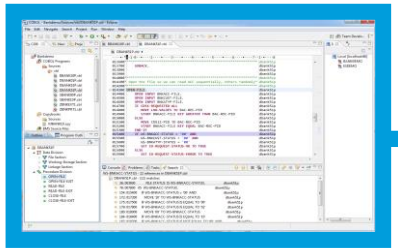
Expand – flexibility across the development life-cycle

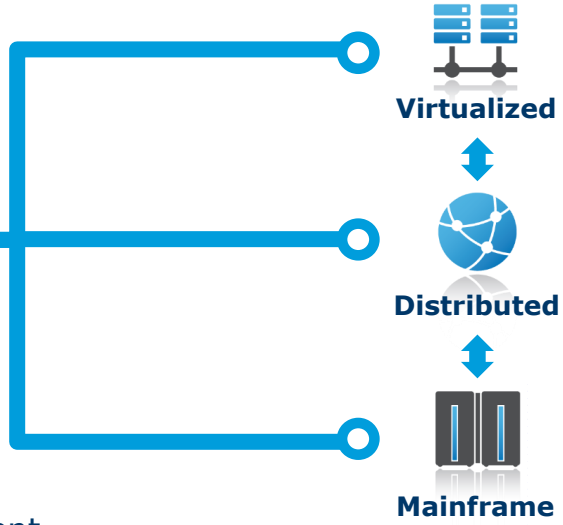


- Quickly integrate mainframe tools and process to improve developer adoption
- Unification of best of breed development tools and deep integration to configuration management
- Industry standard IDEs foster development team collaboration
- A single development technology regardless of application strategy

Develop

Optimal efficiency and flexibility for enterprise development

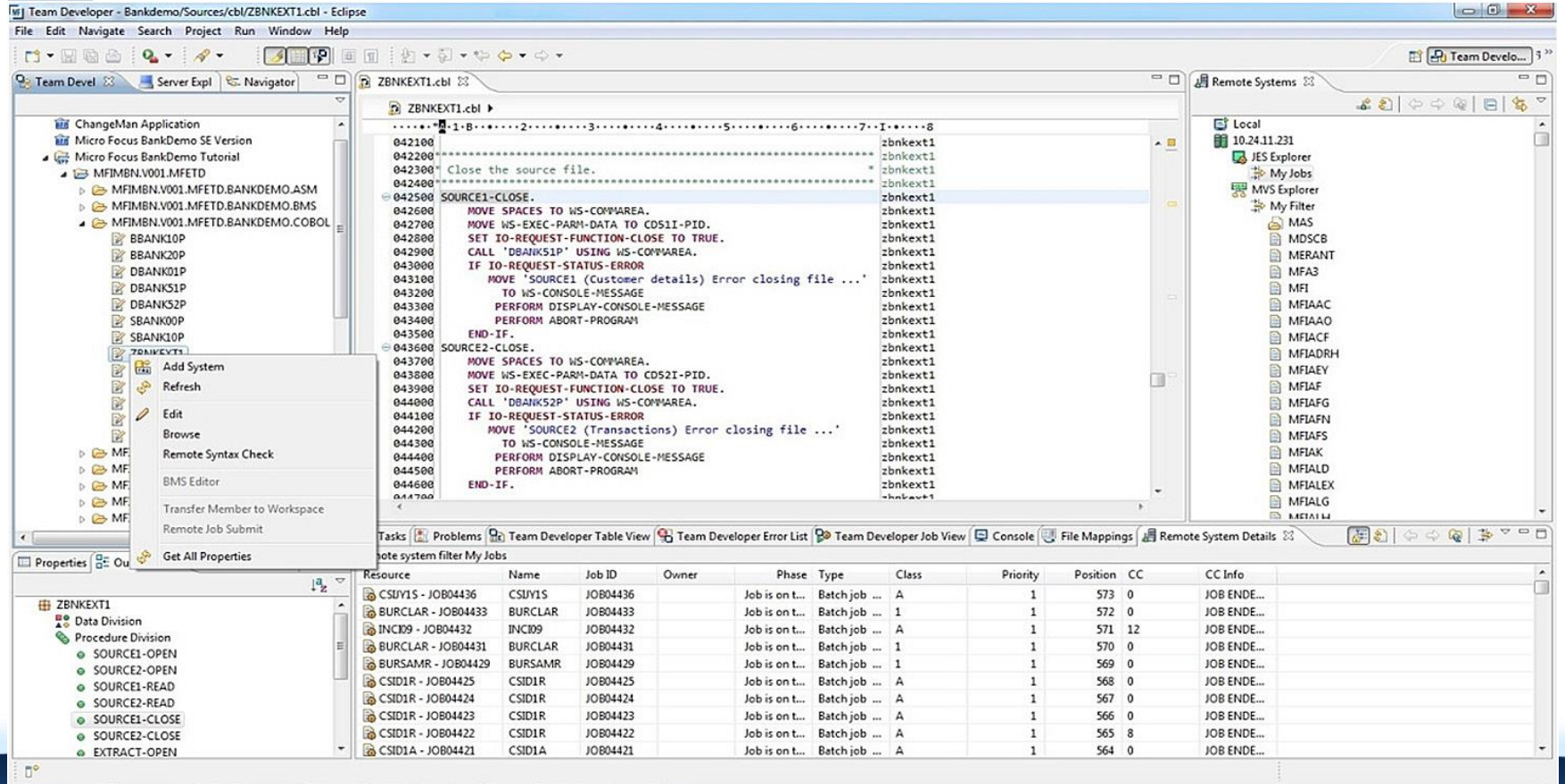




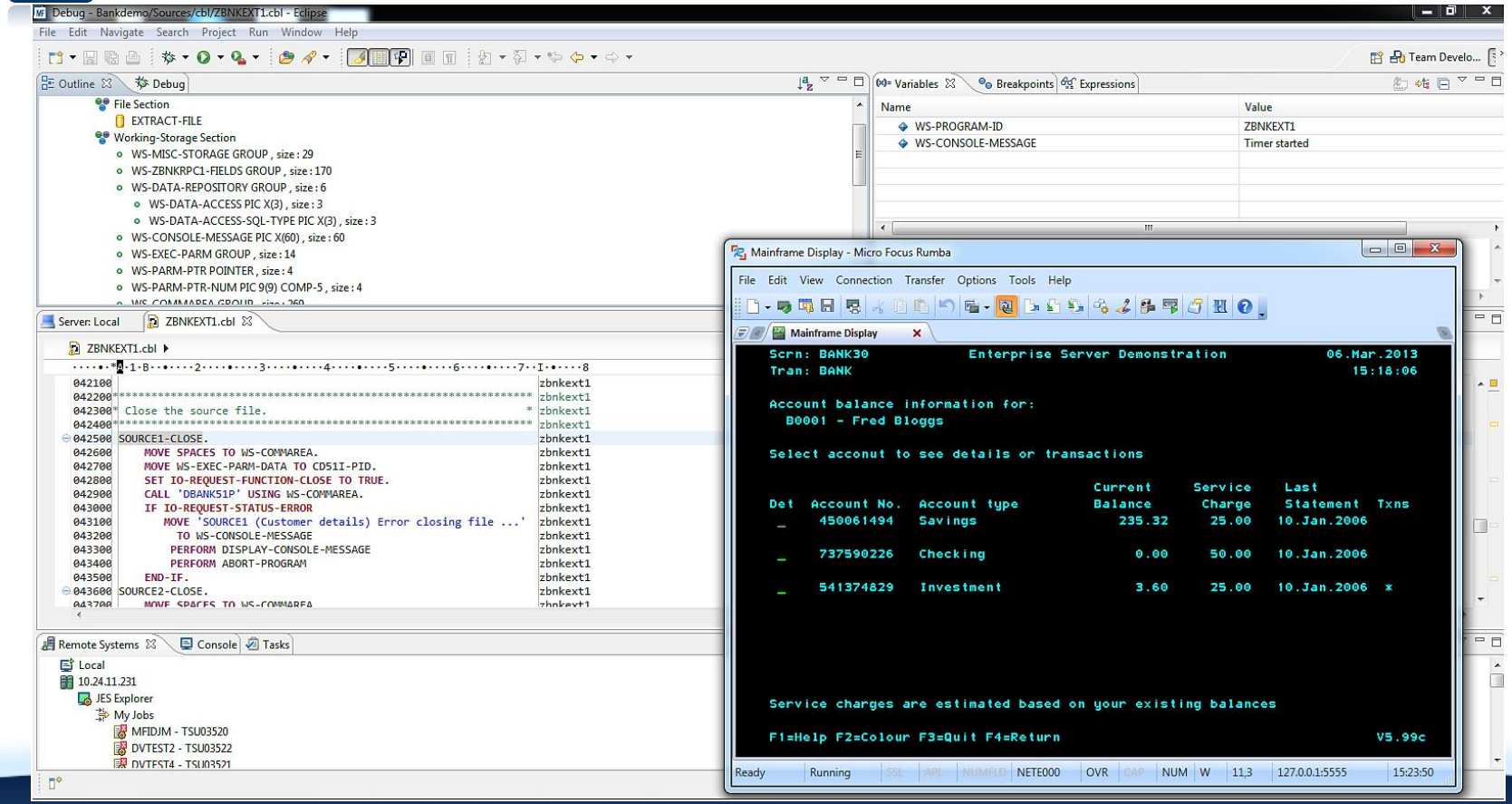
- **Unified** – Standardized IDE technology provides highly productive environment for enterprise developers

- **Future-proofed** – today's core applications have a robust and flexible future path
- **Flexible** – enables instant mainframe connection or fully detached, distributed set up

Develop – z/OS from Eclipse



Develop – Limitless Debug and Unit Testing



Quality

Enterprise testing for rapid, cost-effective service delivery

Flexibility

Remove existing capacity bottlenecks and improve time-to-delivery with a flexible, scalable testing model

Quality

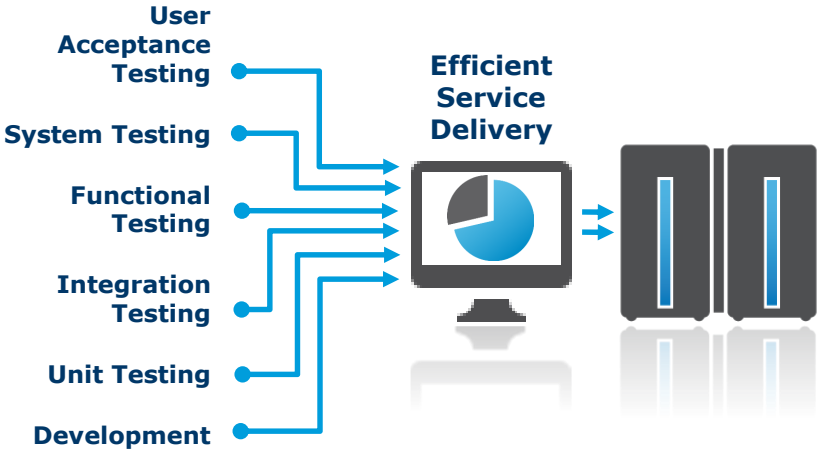
Improve application delivery quality and throughput without consuming additional costs

Cost Efficiency

Reduce or contain testing costs by testing more in less time using cheaper resources

Quality

Flexibility – remove bottlenecks, improve time to delivery



- Remove existing test capacity constraints with a scalable low cost test execution environment
- Scale up test capacity on demand
- Flexible access to mainframe applications, job steps and data where needed
- Faster time to delivery with less risk of production failure

Quality

Quality – Find issues faster, with no extra effort

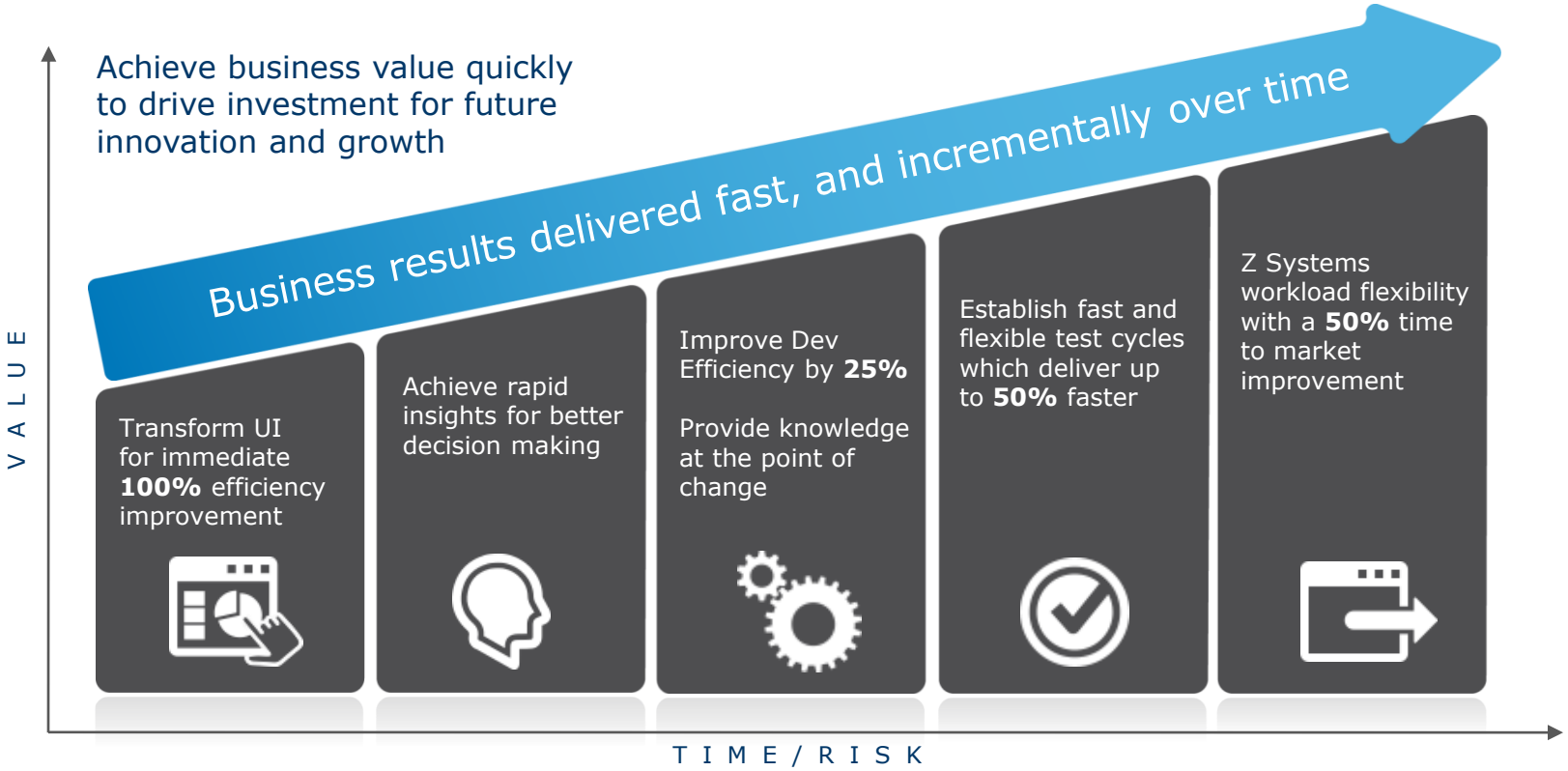
- Bring agility through Continuous Integration for fast error detection and resolution
- Enable end-to-end testing for composite applications
- Faster resolution of complex runtime issues with improved diagnostic tools and core dump debugging

Quality

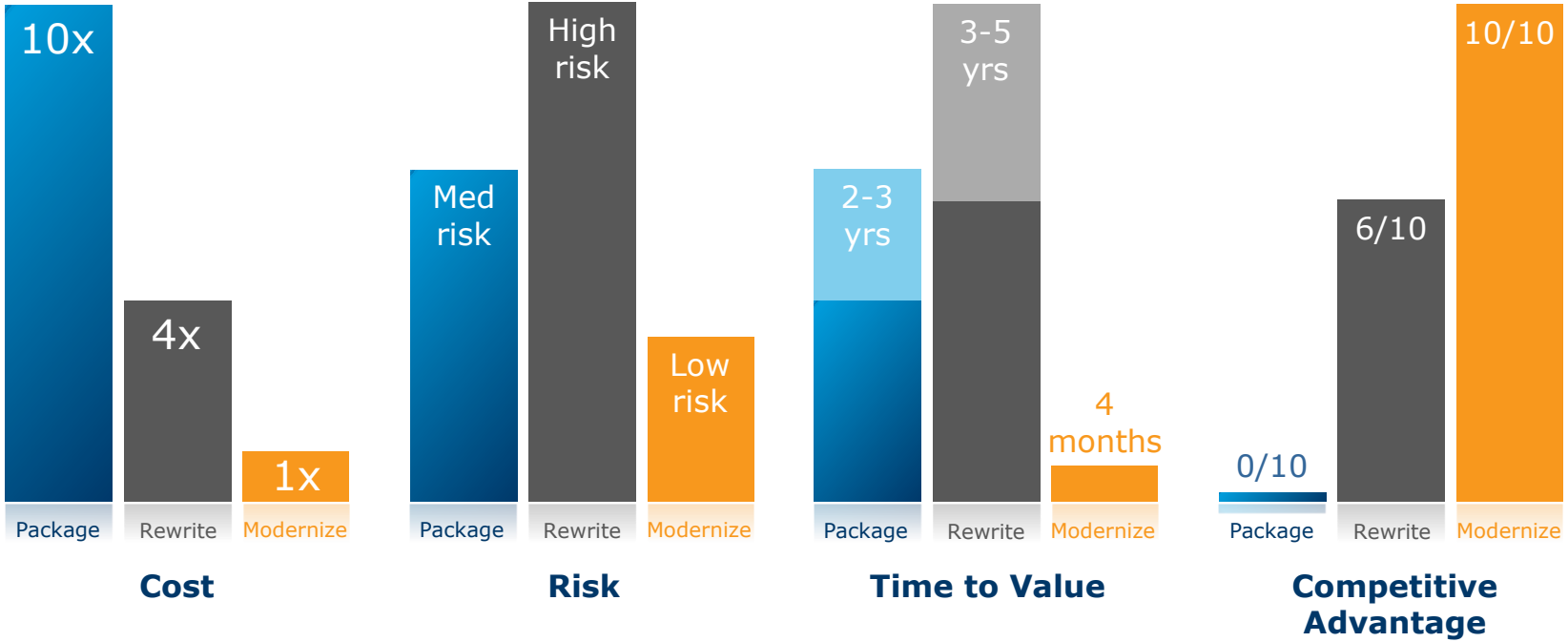
Cost efficiency – Effective rapid service delivery

- Reduce or contain test MIPS consumption to free up headroom for production workload
- Virtualization for cost-effective access to unlimited test capacity
- Simple set up and management to remove reliance on systems administrators
- Reduce the cost of delivery by finding issues earlier

Delivering Better Time to Value



Customer Success



The IBM z System is a result of more than $1 billion in R&D investments over the past four years… We are continually working with our technology partners to help our clients maximize the value in their IBM mainframes, and this latest innovation from Micro Focus is a great example of that commitment.

Vice President and Business Line Executive, IBM z Systems, 2013

IBM z13 is the industry leading business execution environment for enterprise application workload where scalability, performance and extensibility are core requirements for successful IT service delivery. Micro Focus is delighted to support the latest generation of IBM mainframe technology innovation, the z13

Chris Livesey, CMO, 2015

Mainframe Solutions

Next steps – Value Profile Meeting

- Outline survey of key application stakeholders
- Micro Focus / Client meeting
- Discussion of current situation, strategy, criteria, priority
- Review and outline proposal within days

www.microfocus.com/timetovalue

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