IBM Software UKINOVATE2010 The Rational Software Conference

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More interconnected, more instrumented, more intelligent

Software is the invisible thread enabling systems-of-systems

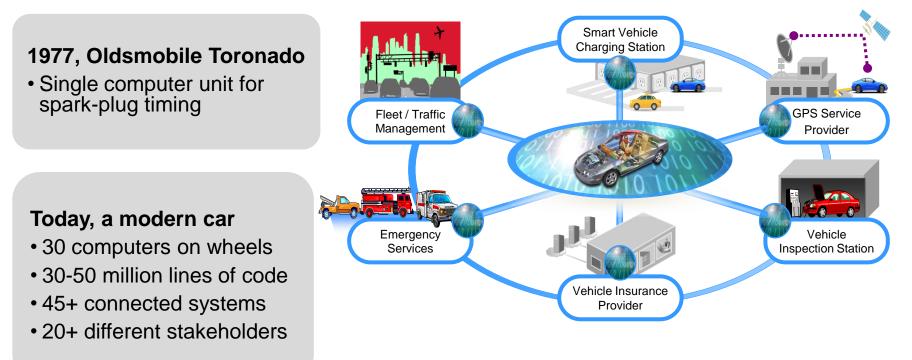
Software & systems delivery has fiscal and societal impact 101010101010101010100

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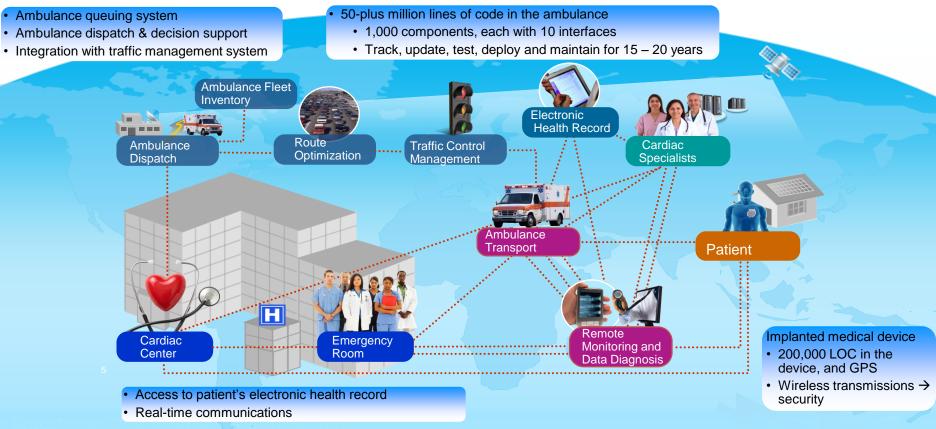


The Automobile





Healthcare – emergency services system-of-systems Response time of five minutes doubles the survival rate





Braking software glitch contributes to recall of hundreds of thousands of vehicles worldwide

- Associated Press

Software patch prevents thousands from filing tax returns electronically – \$2.4 million to fix

- ZDNet



A better approach to software and systems delivery

A better approach to addressing complexity and innovation

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How will this impact your industry? *Driving systems-of-systems thinking, skills and strategies*

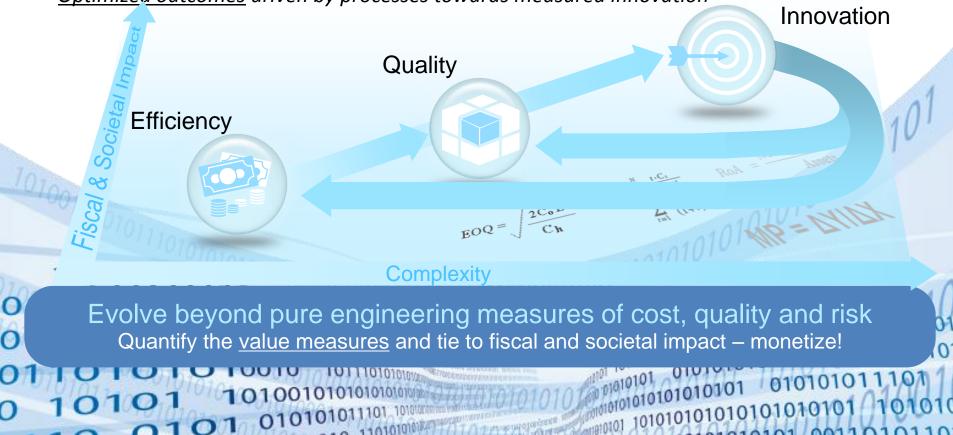
Software is the invisible thread Unique delivery challenges Heterogeneous ecosystem Quantify emerging opportunity and risk with dynamic supply chains Design for flexibility and extensibility Manage new collaborators in value chains REQUIRES **Emergent behaviors** Configure for multiple, diverse linkages Deliver perceived quality sustained over long Outcomes difficult to trace, understand and predict

Systematic management for desired outcomes and failure avoidance



New thinking: software & systems econometrics

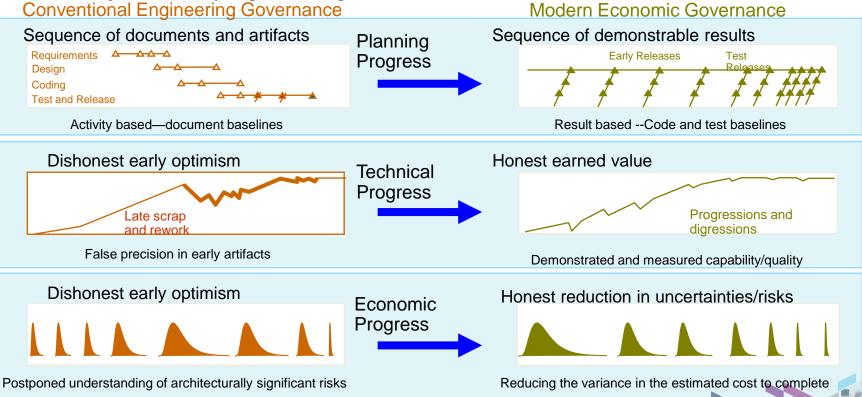
Optimized outcomes driven by processes towards measured innovation



IBM.

Software & systems econometrics – incremental approach

Core metrics for honest progress insight

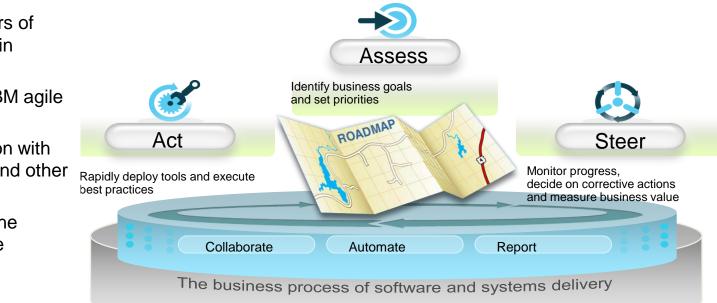




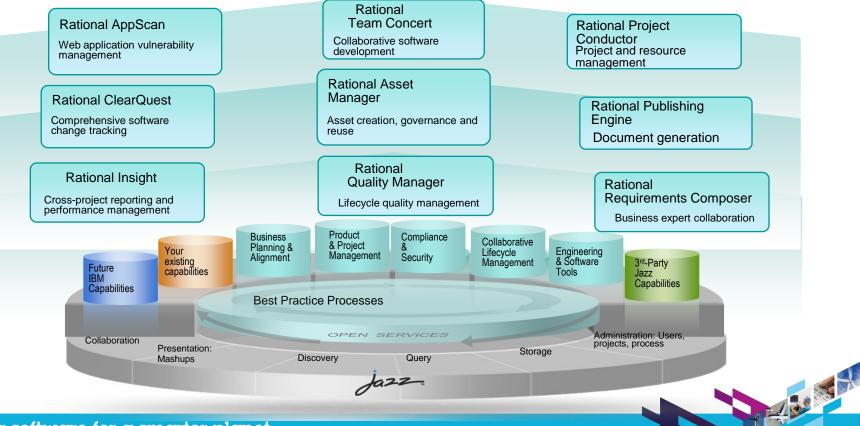
Software & Systems Econometrics - Measured Improvement Drive business innovation through measured & continuous process improvement

Captures over 10 years of Rational experiences in incremental adoption

- Used in over 80 IBM agile projects
- Used in conjunction with RUP, XP, Scrum and other processes
- Demonstrated in the Rational Executive Dashboard



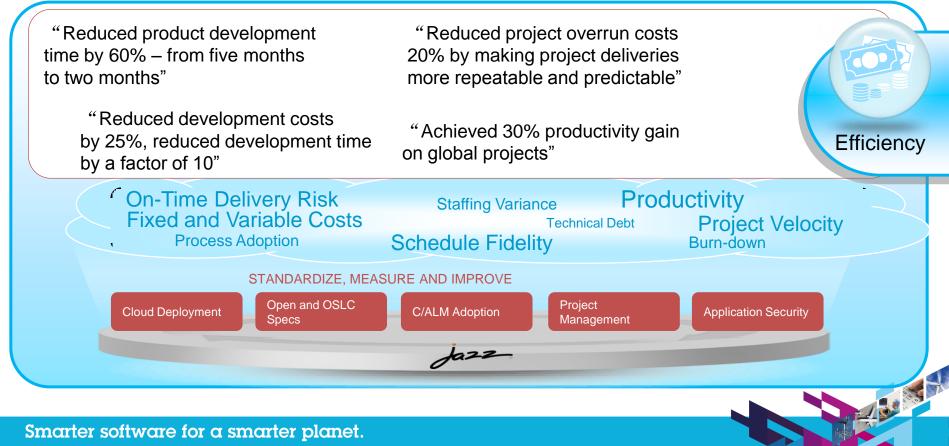
Jazz Platform and Capabilities





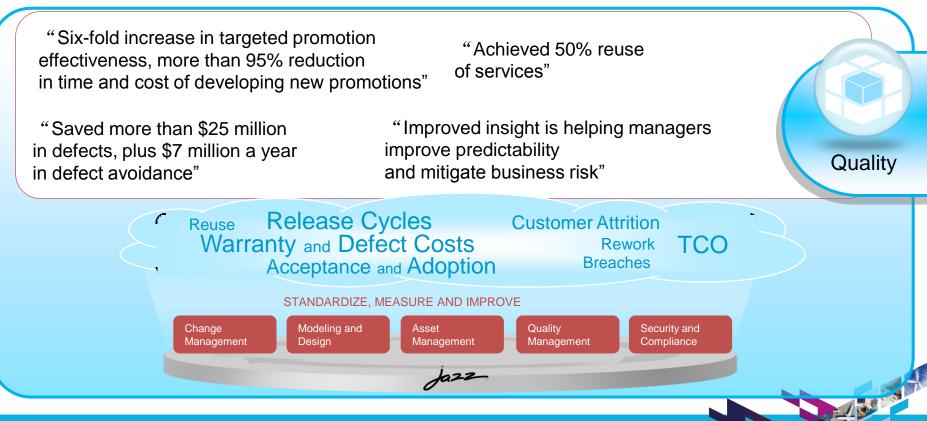
IBM client results - Gain efficiency in development & production

Collaboration and automation driven by standardization to reduce cost, and drive more predictable, measurable outcomes





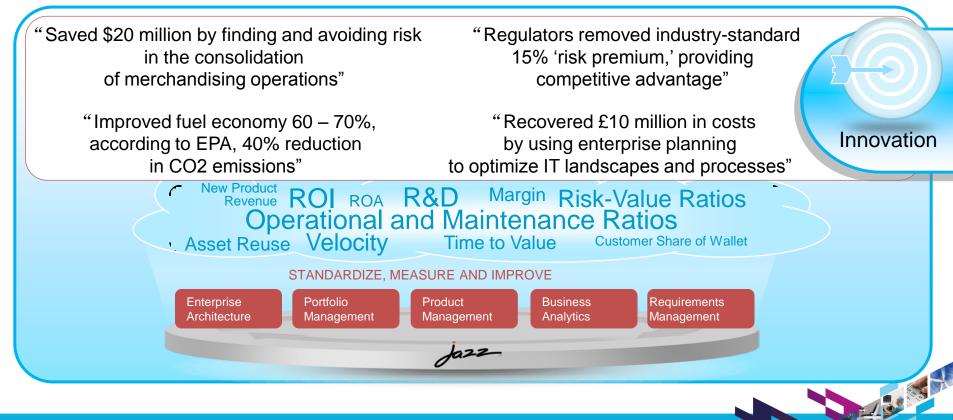
IBM client results - Improve product quality & flexibility Deliver more perceived value at lower cost of ownership





IBM client results - Drive new value and faster innovation

Reduce financial, market and organizational risks - make innovation through software the driver of opportunity



What we do - Jazz.net

- Agile planning half month iterations
- Agile development
- Agile response to requests in the next iteration
- Community drives faster adoption of our products

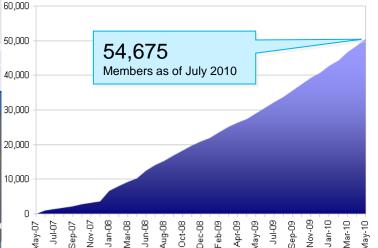
Free RTC developer licenses Rational Team Concert is now more affordable for small teams

Raising the bar Top rating for Rational Team Concert

One tool for collaboration Bugs, source control, planning, reporting, and more

IBM Rational Team Co earns top rating

IBM Rational has the best current offering a May-07 the The Forrester Wave[™]: Agile Developme Management Tools, Q2 2010 (May 2010). IBM, focusing on collaborative development, adds strong project management and analytics.



Innovation



www.ibm/software/rational

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