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## Testing is Dead, Long live Quality

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# Introduction



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# Agenda

- Why do we test?
- PointZERO: Implement a full quality driven paradigm
- PointZERO in relation to IBM Rational

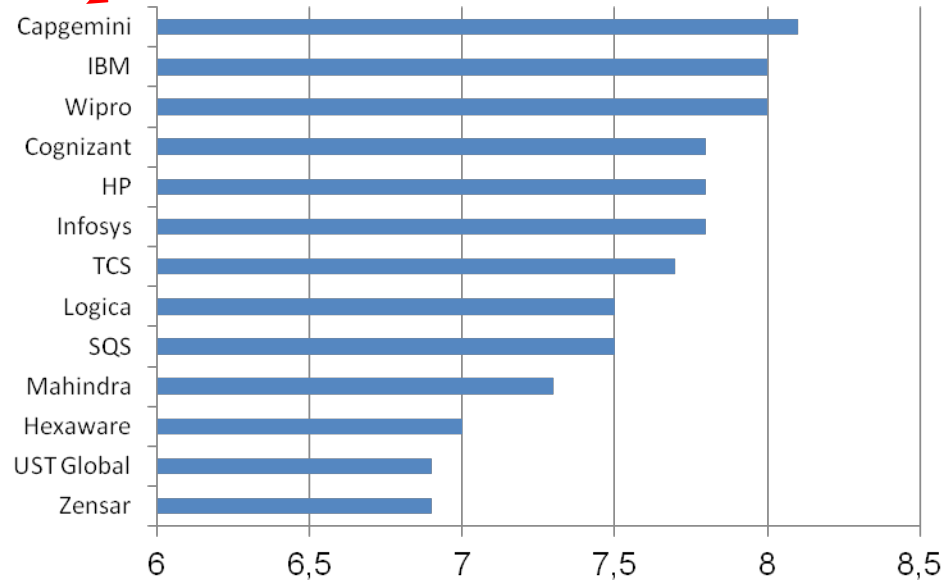




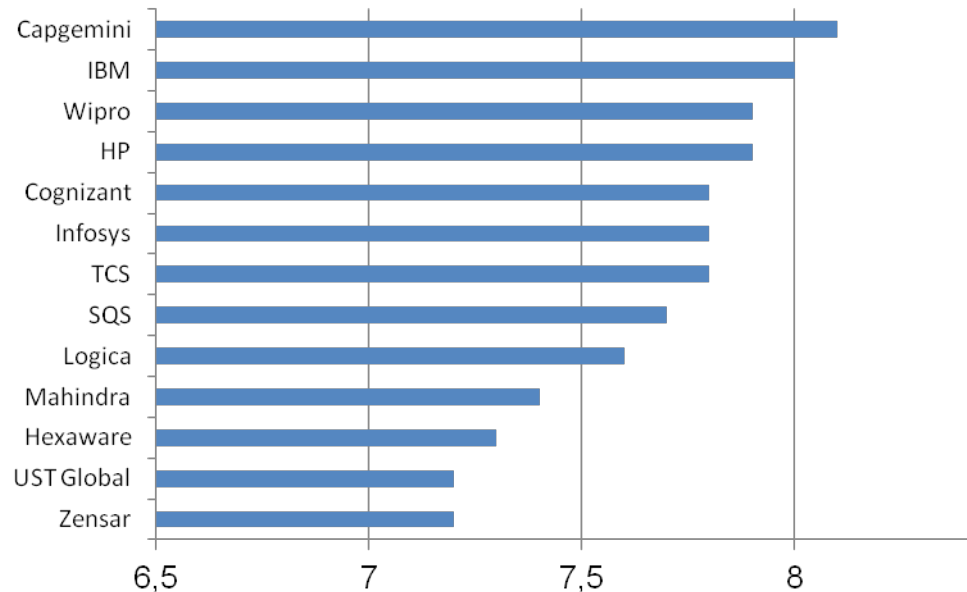


# Ovum: CapGemini Group ranked #1

Testing services vendors' overall scores



Testing services vendors' overall scores weighted by the importance of the selection criteria



The Capgemini Group (Capgemini and Sogeti) is ranked # 1 overall for Testing Services, globally



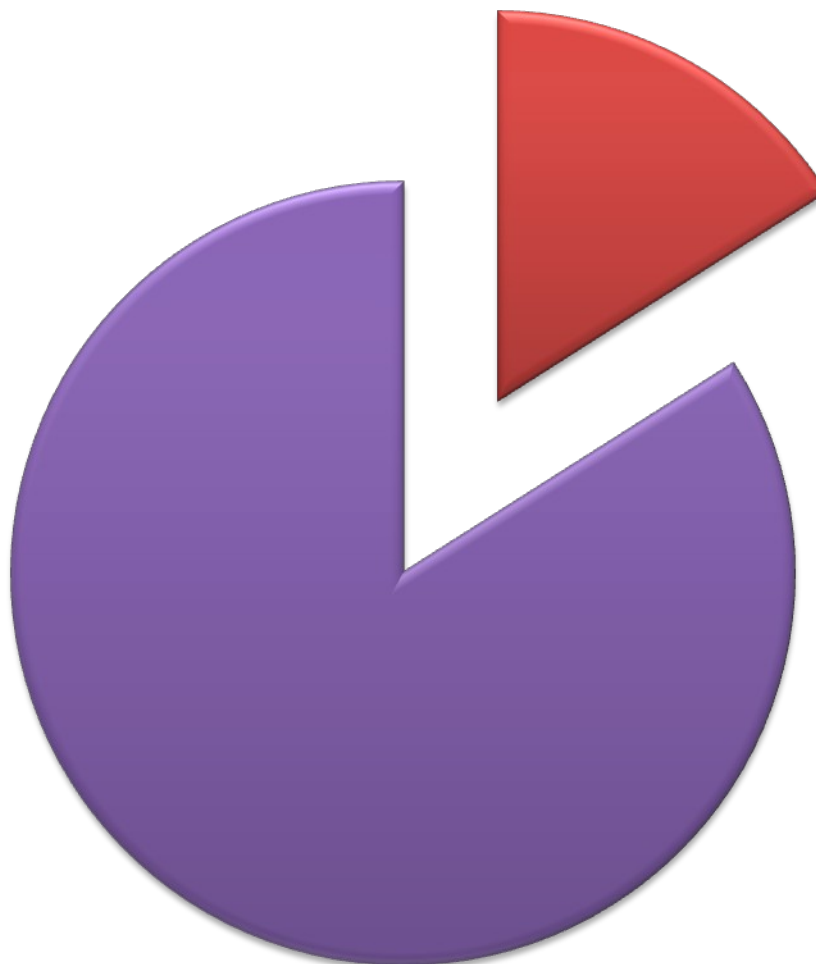
# 30% of projects are qualified as 'sufficient'

60% of projects to realize less than 50% of the expected functionality



## 16% of projects are within budget

50% of all projects exceed the budget by more than 50%



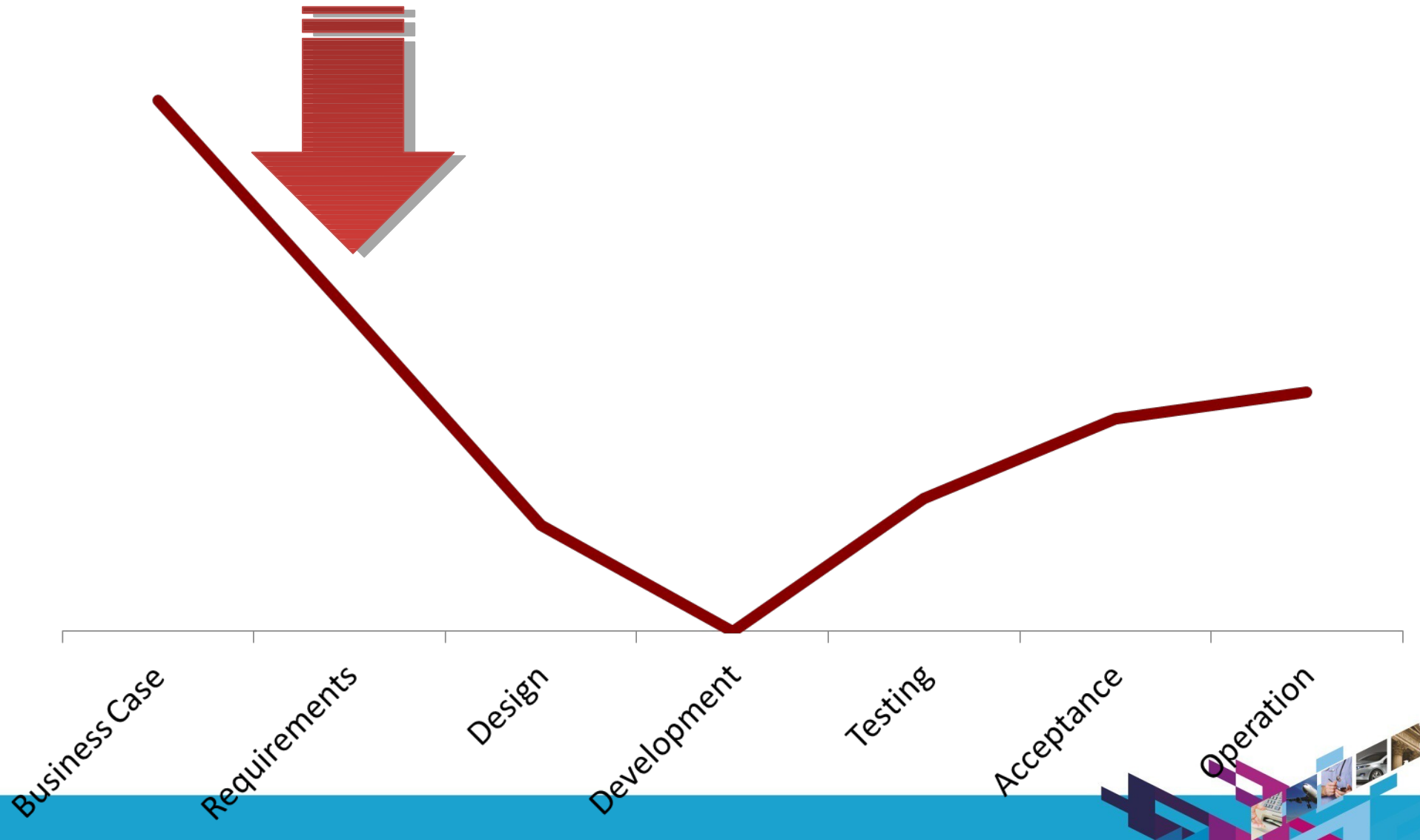


## 14% of projects are on time

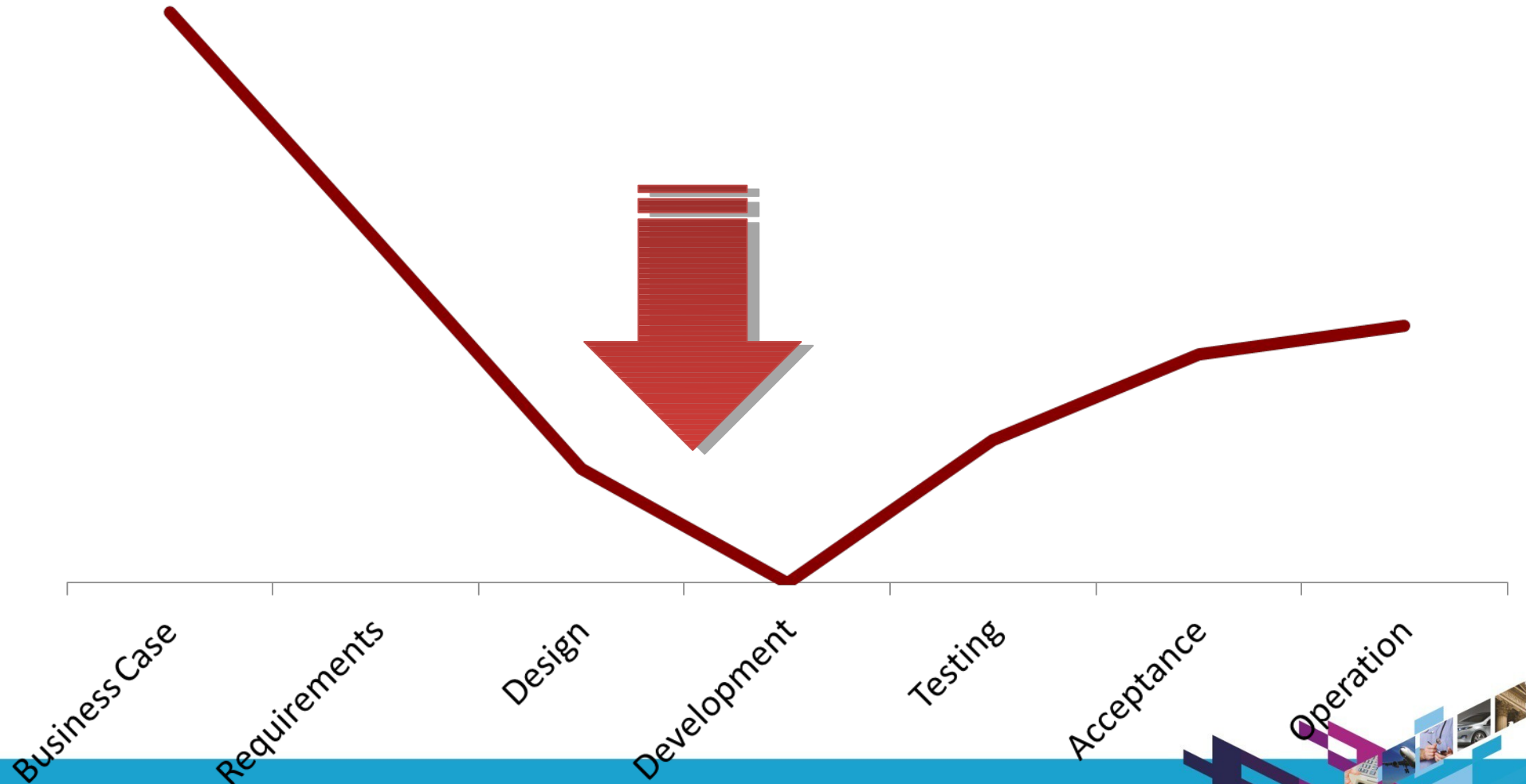
70% of all projects run out with more than 50% in terms of time



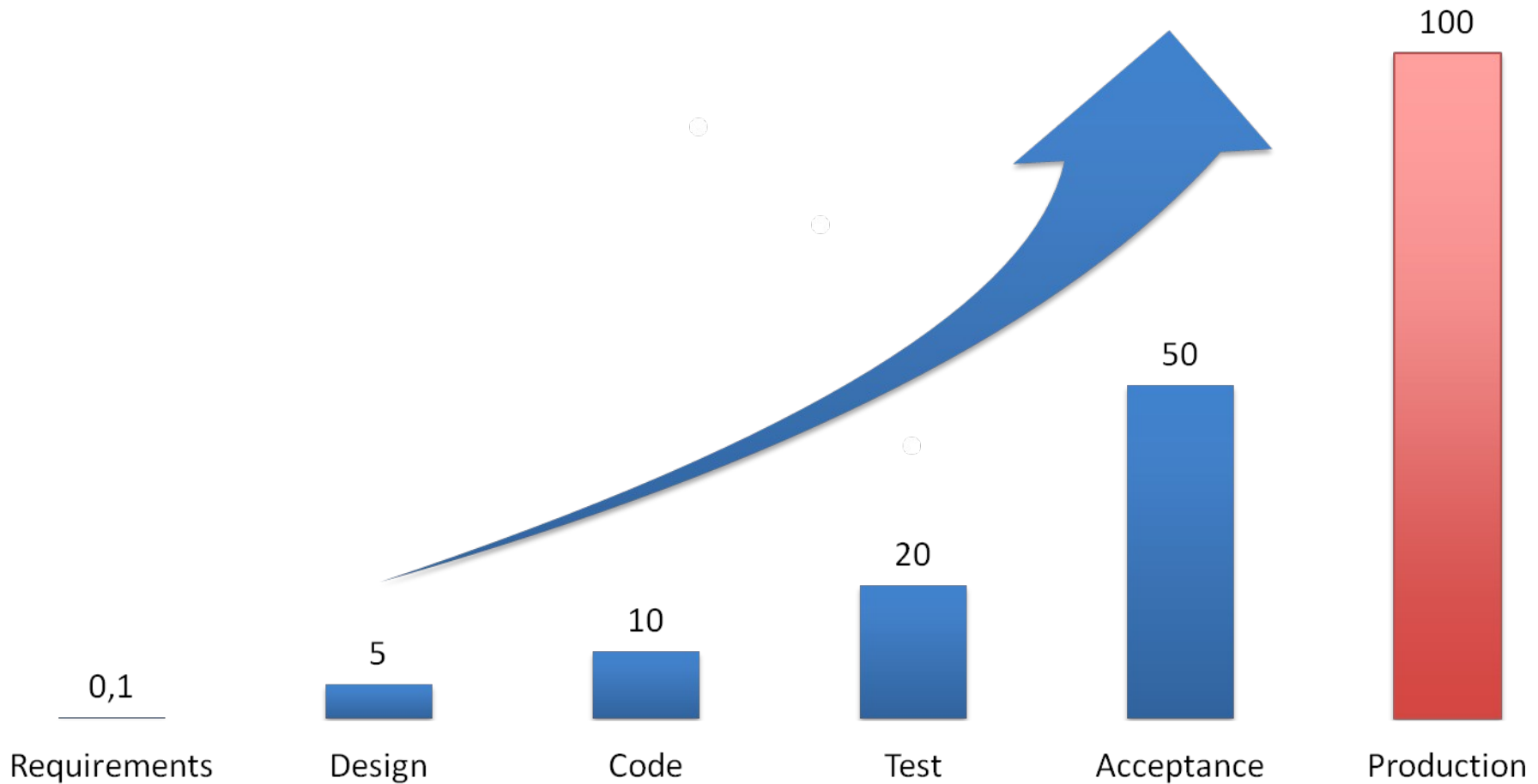
# 50-70% defects relate to requirements and design



# 20-40% of defects are due to development and integration flaws



# Relative cost to fix defects is least expensive early in the SDLC





**We need to find defects earlier!**

**“Quality comes not from testing, but from **improvement** of the development process”**

**- W.E. Deming**

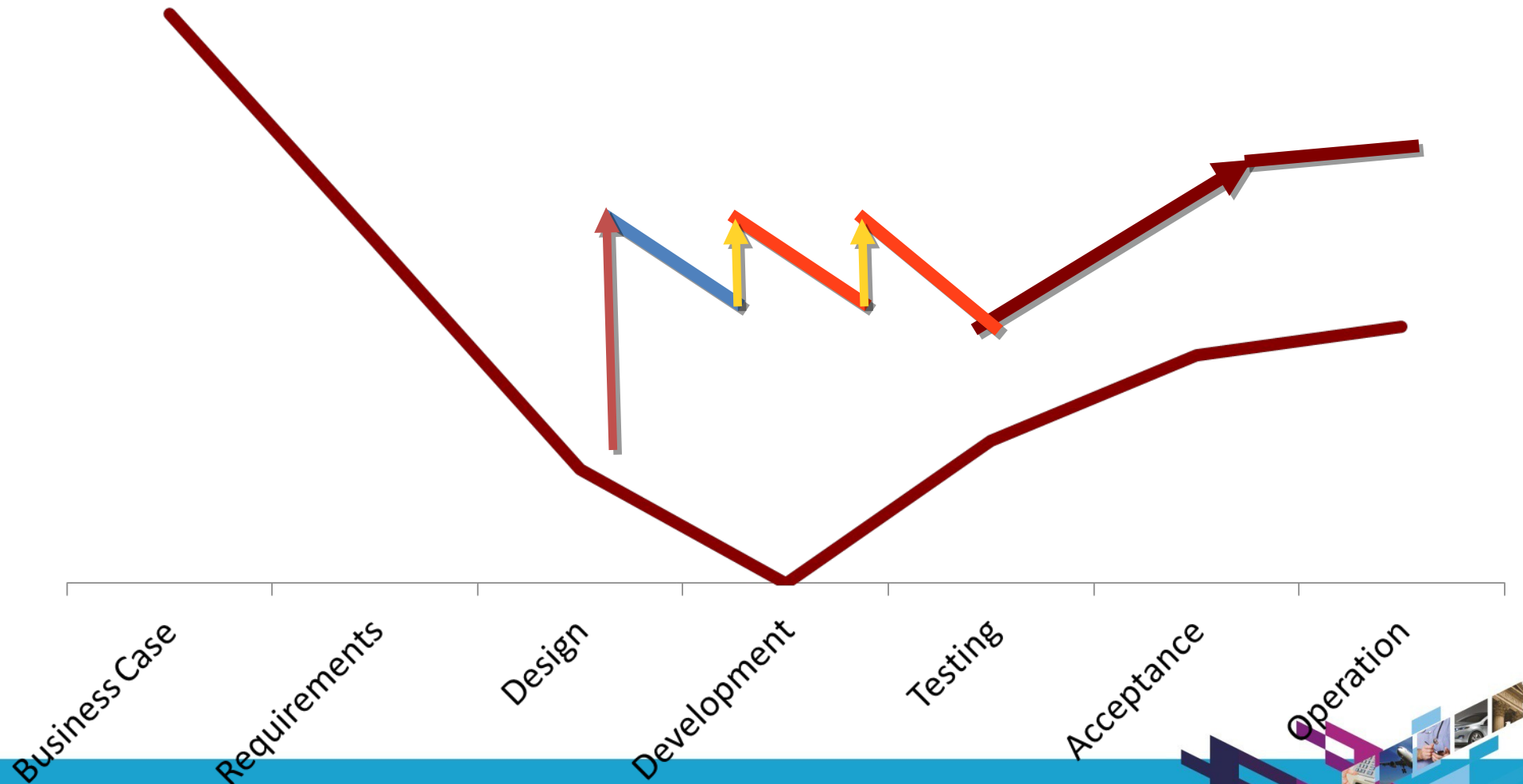


~~Reactive~~

Proactive

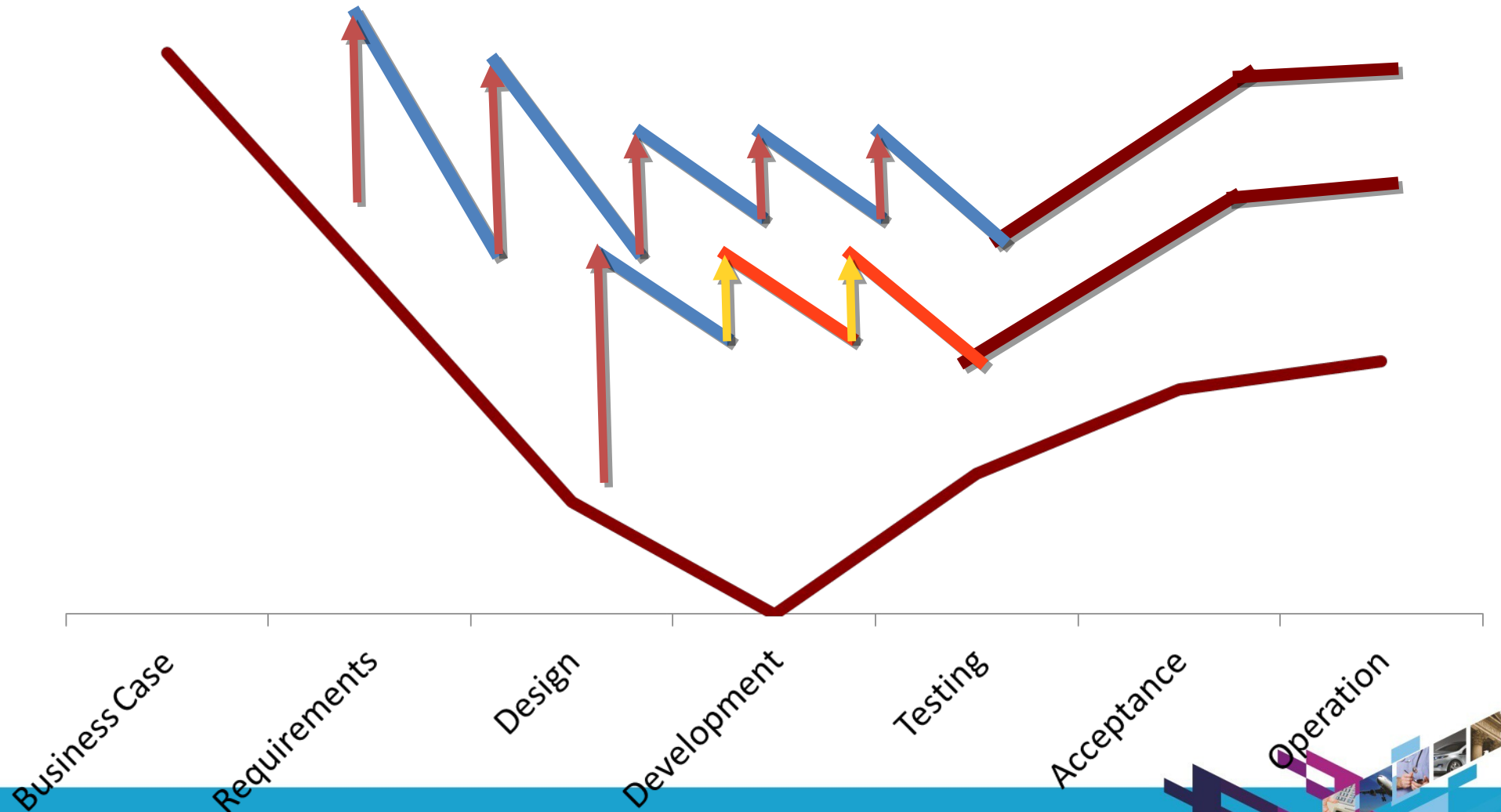


# Not only improve development

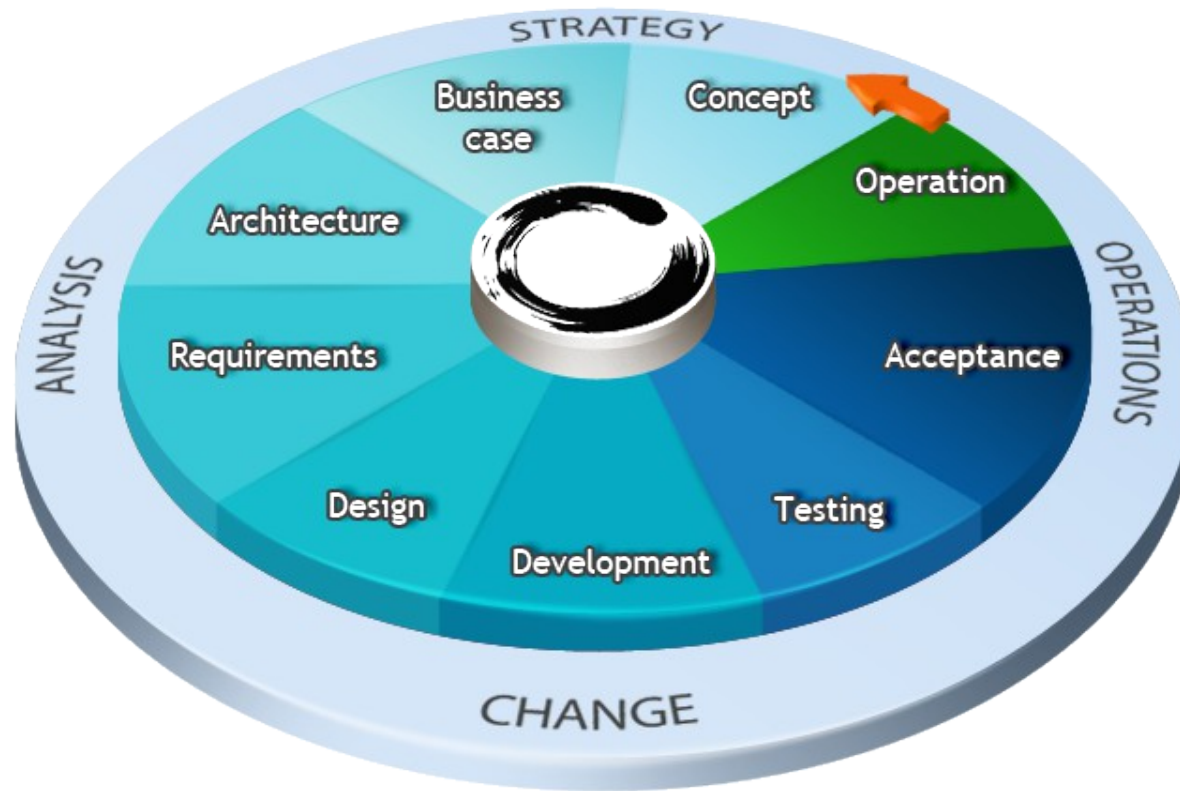




# But improve from the first moment



# Awareness in the whole SDLC

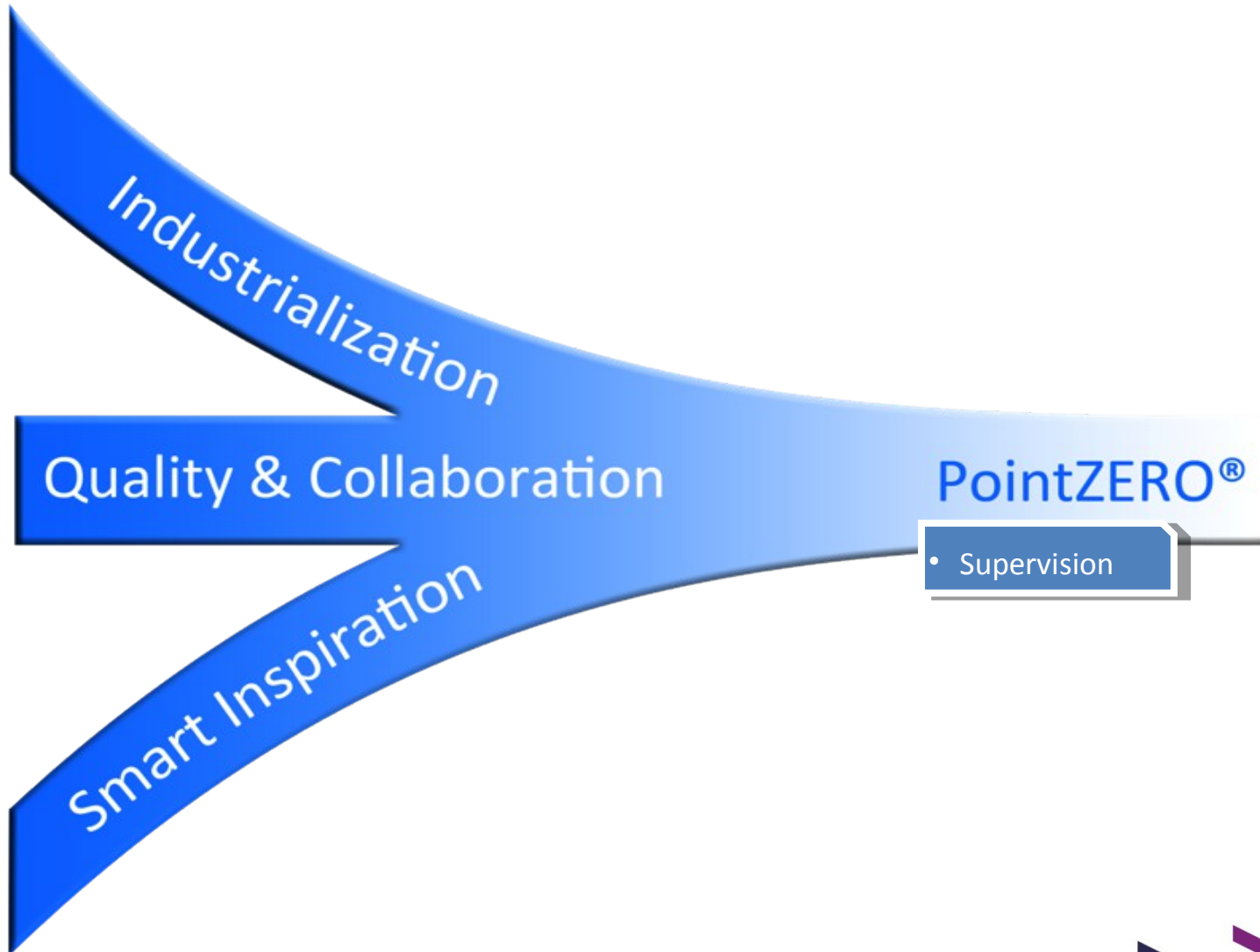


## What is PointZERO?

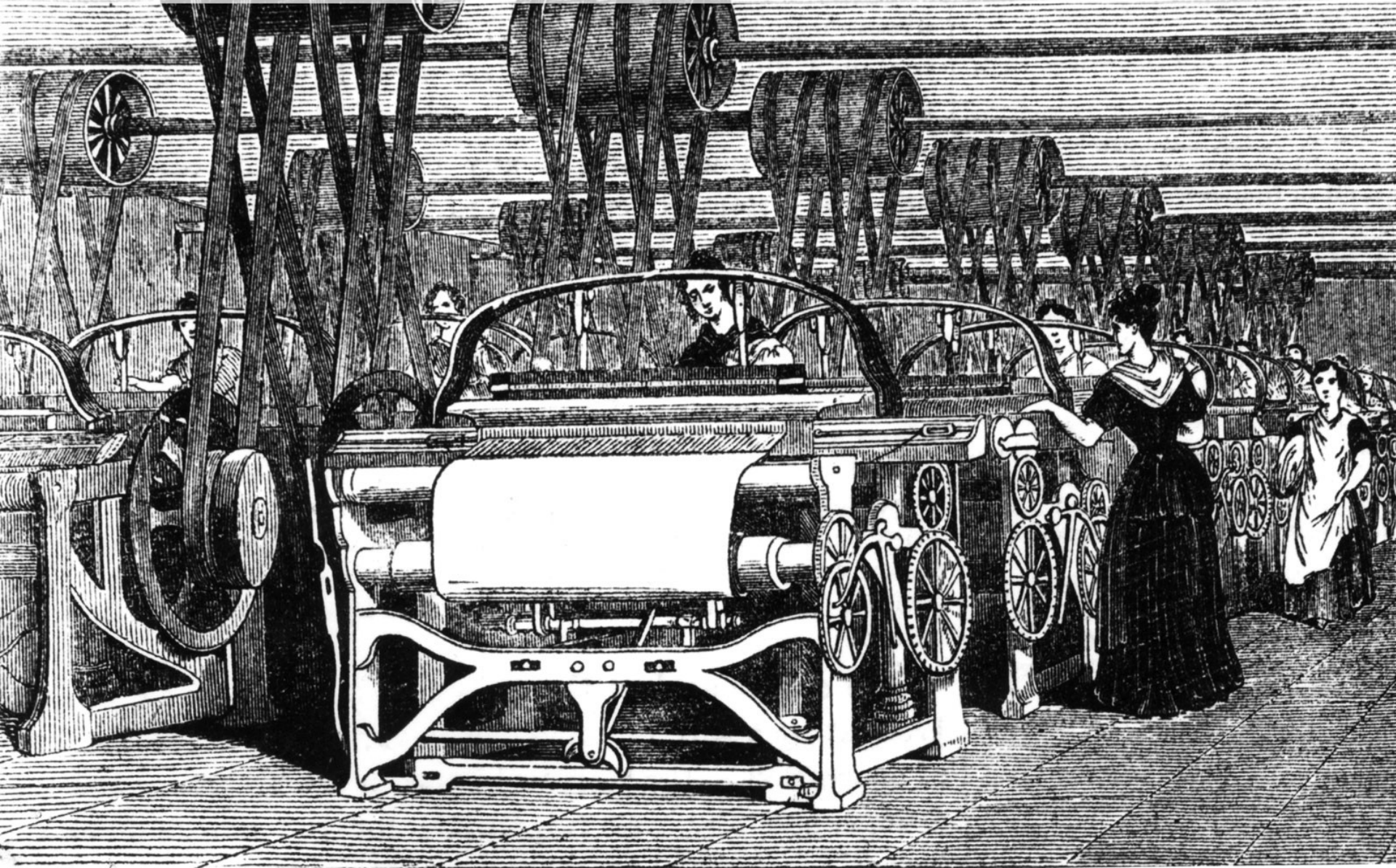
A **vision** aimed at increasing **business**  
**success** by **parallel** and **step-by-step** improvement across the  
application lifecycle to **shorten** **time to market**, **avoid** and  
**reduce** **cost**, **eliminate** **risk** and reach a **fit**  
**for purpose** **quality**



# Three track model



# Track 1 - Industrialization

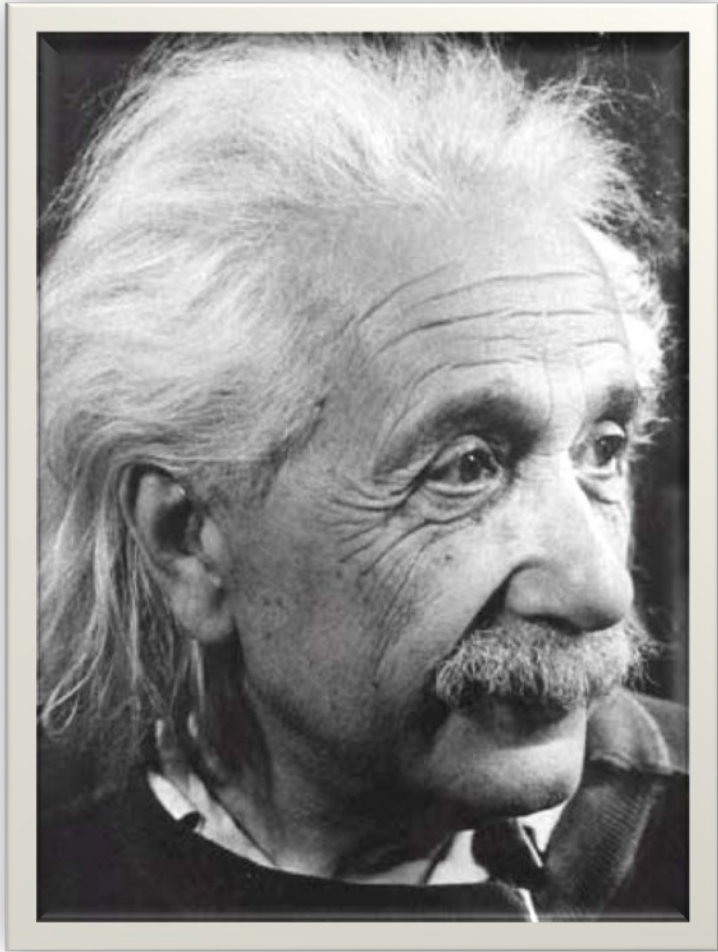


## Track 2: Quality & Collaboration



**I'm glad it's  
not on our side**

## Track 3 – Smart Inspiration

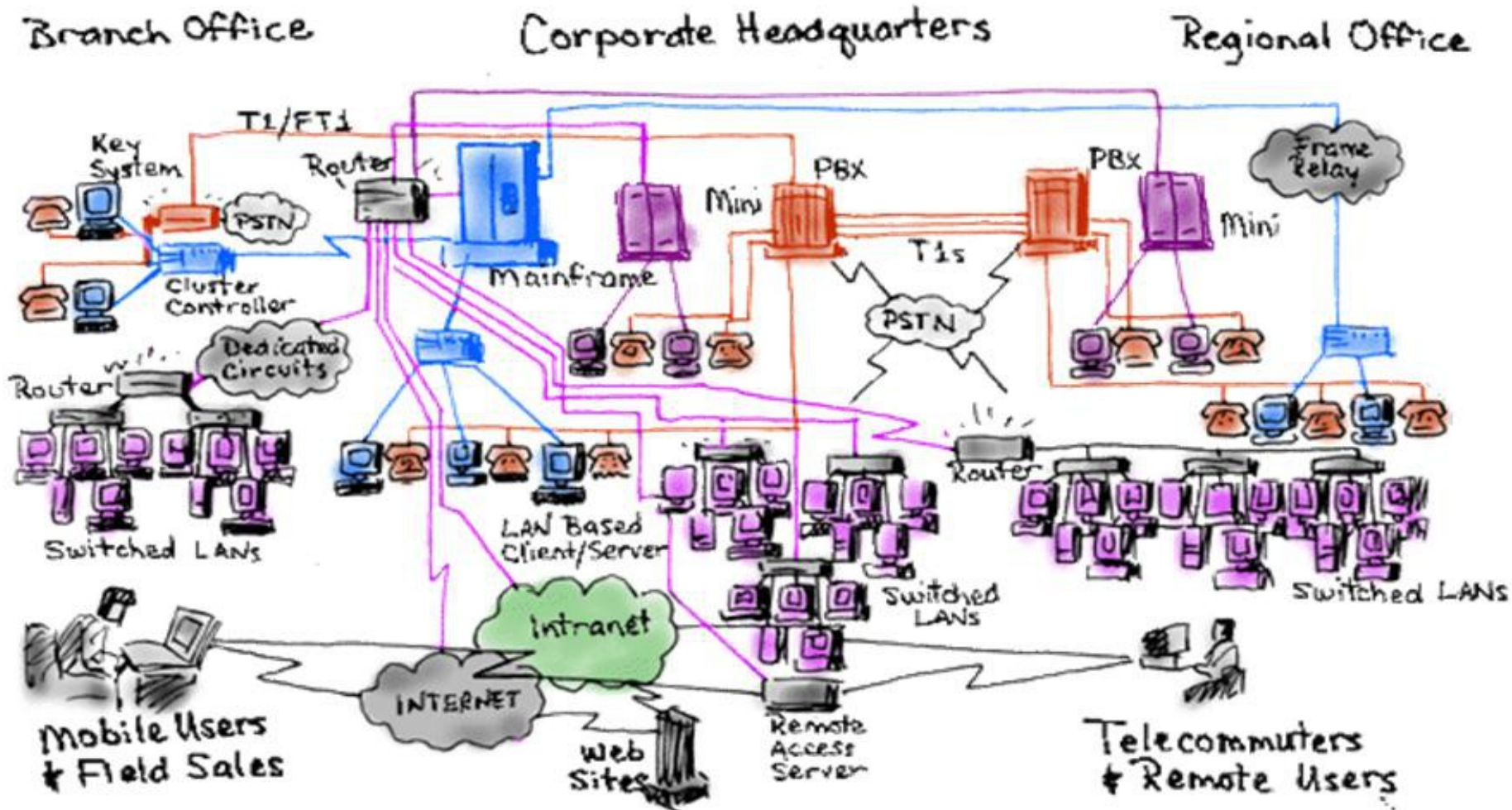


**“It’s not that I’m so  
smart, it’s just that  
I stay with  
problems longer.”**

- Albert Einstein

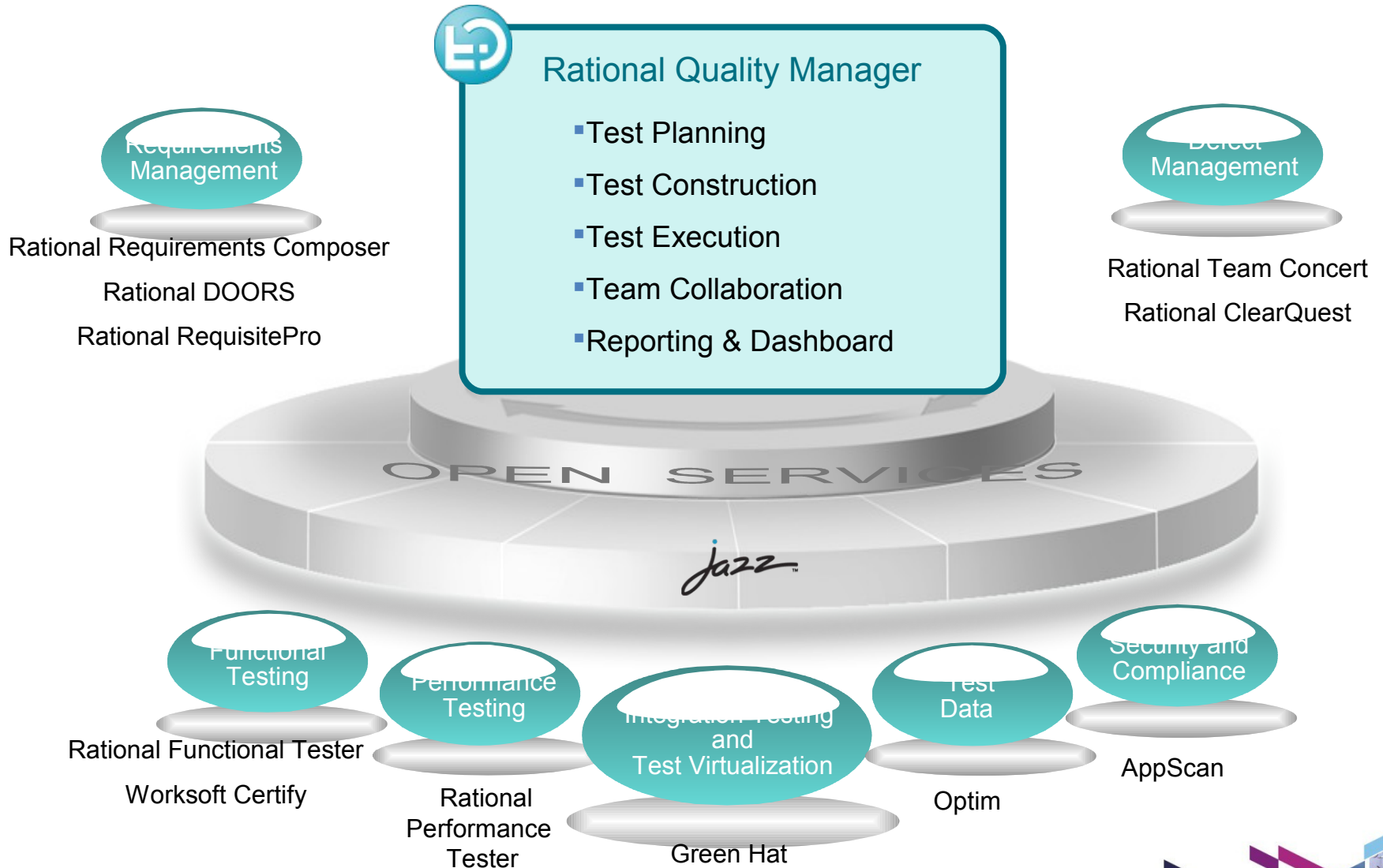


# IBM Rational Integration Tester

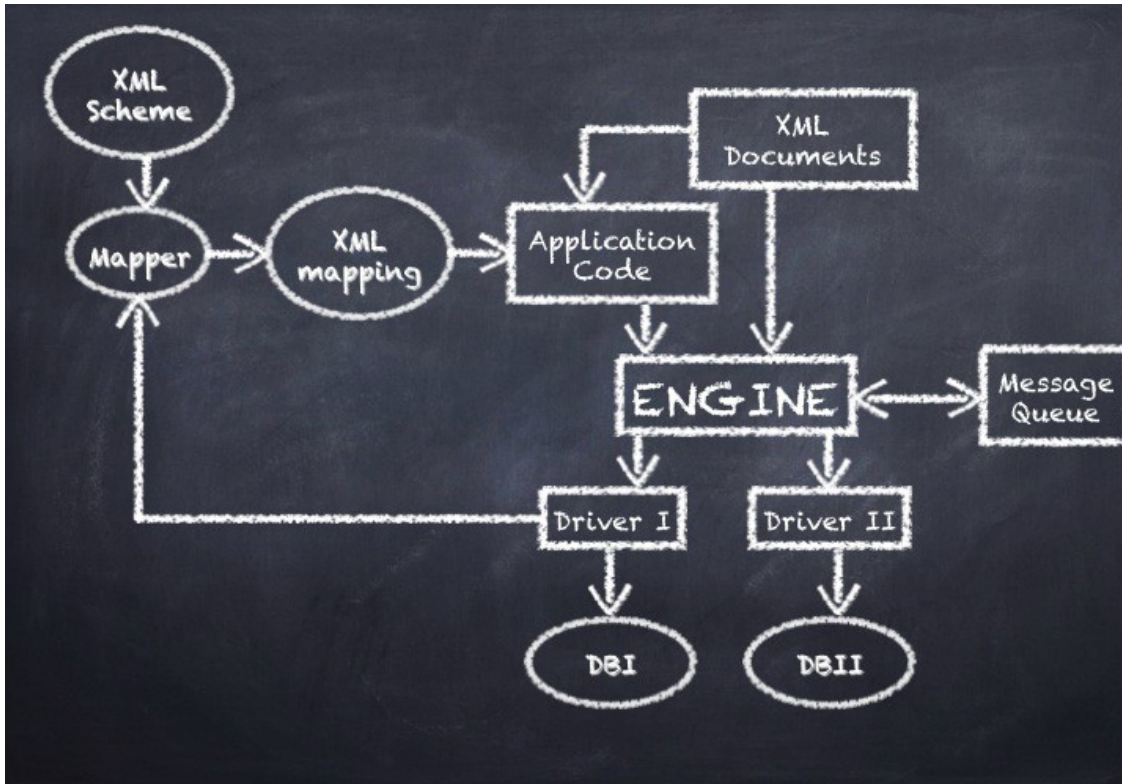




# Collaboration with Jazz



# Model Driven Development & SmartCloud



# Summary

Testing Is Dead, Long Live Quality

Implement a full quality driven paradigm

PointZERO and Rational make a perfect couple

