



TEST AUTOMATION – A Disruptive Method

VIC – 2019 Pune

Agenda

- ▶ Introduction to Testing
- ▶ Verification & Validation - Across Industries (Automotive, Semiconductor, Healthcare etc.)
- ▶ Disruptive Methodology - Test Strategy, Quality & Cost Linearity
- ▶ Benefits

Introduction to Testing

Real Life Cases

Mobile Purchasing



Doctor



Petrol Bunk



Introduction to Testing

Industry cases : Testing (V&V)

Microcontroller Testing



ECU Testing

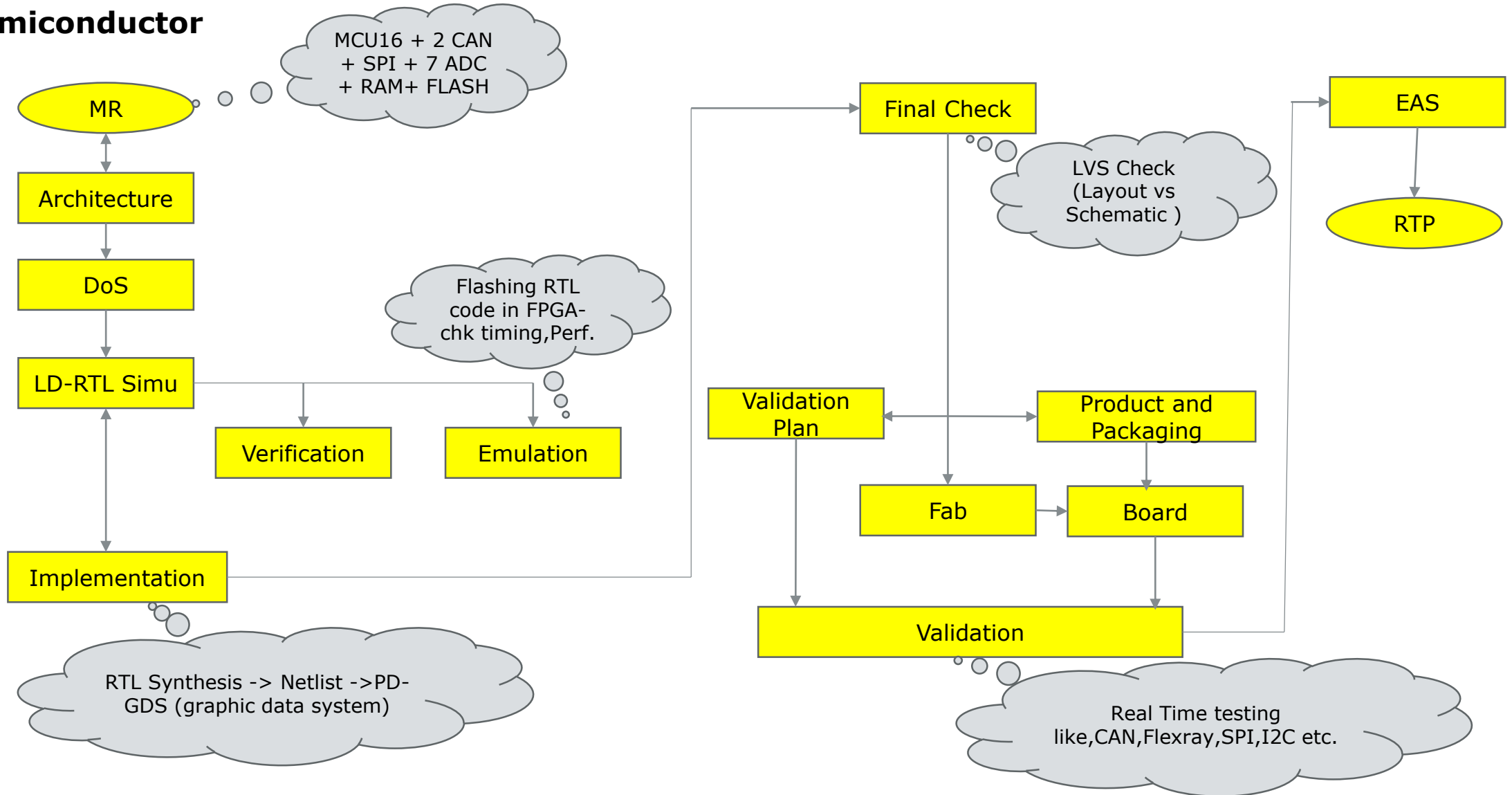


Scanning Machine Testing



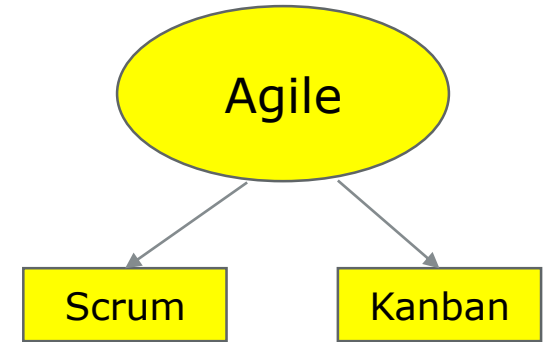
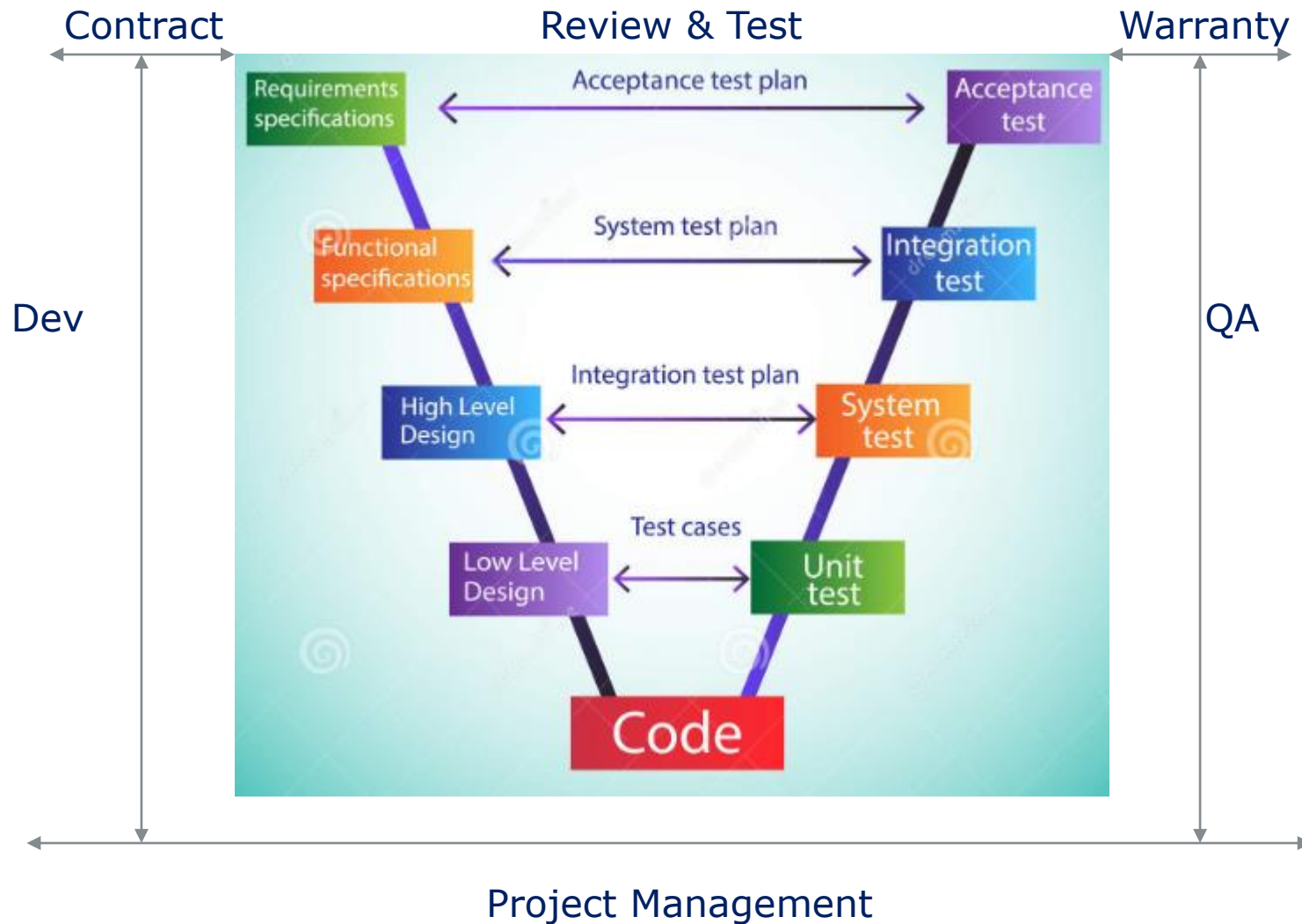
V&V - Across Industries (Automotive, Semiconductor, Healthcare etc.)

Semiconductor



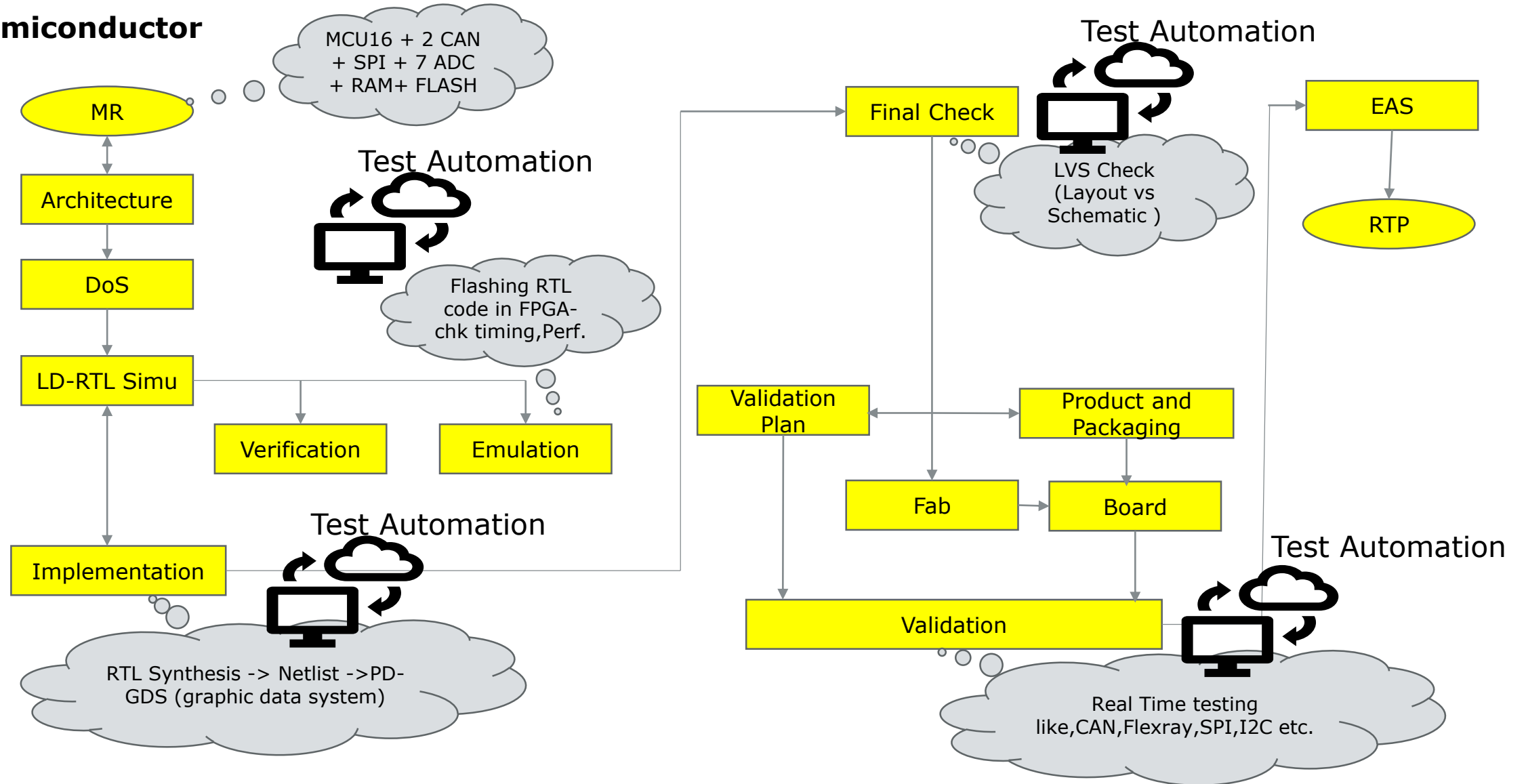
V&V - Across Industries (Automotive, Semiconductor, Healthcare etc.)

Automotive



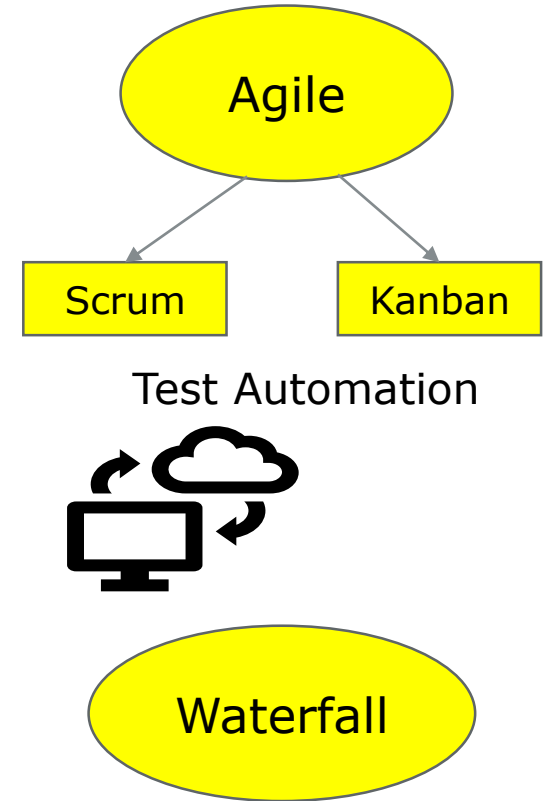
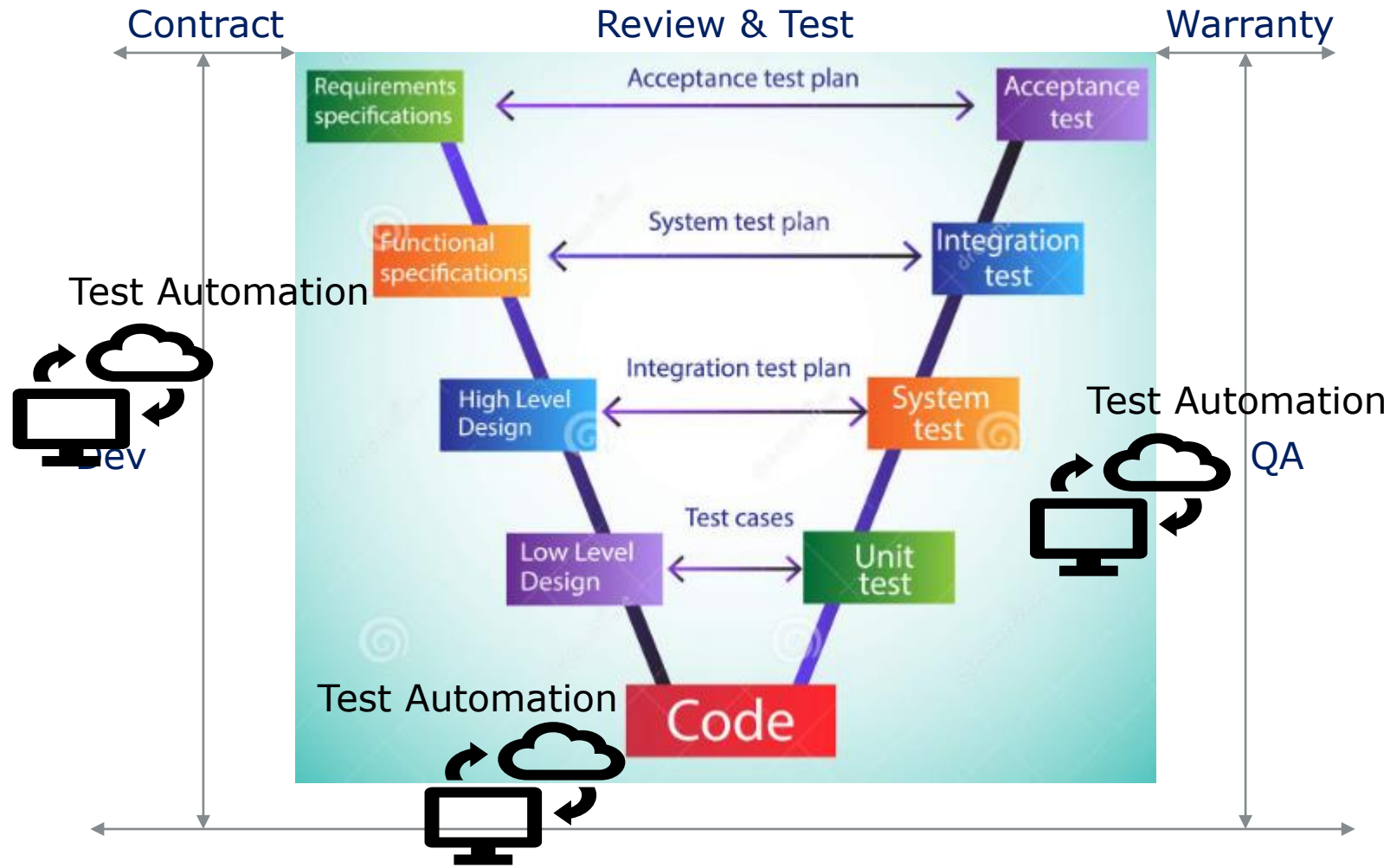
Disruptive Method – Test Strategy, Quality & Cost Linearity

Semiconductor

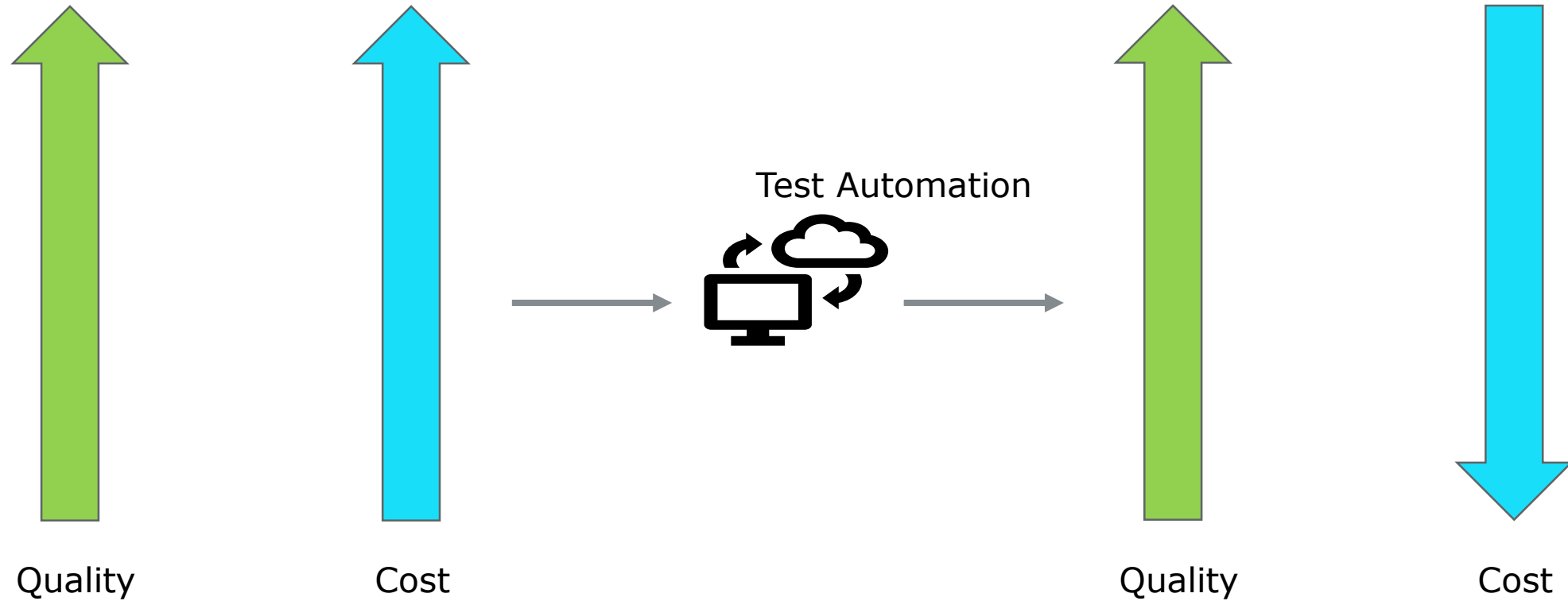


Disruptive Method- Test Strategy, Quality & Cost Linearity

Automotive

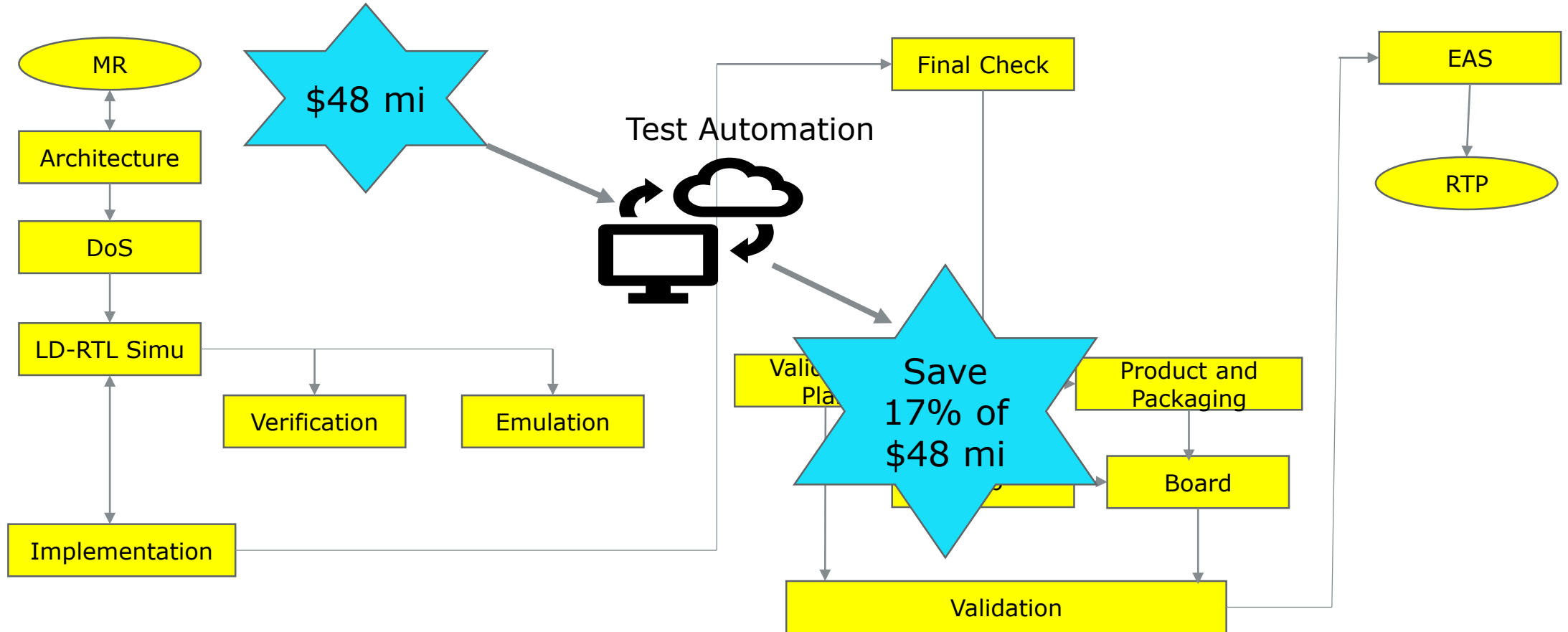


Disruptive Method – Test Strategy, Quality & Cost Linearity



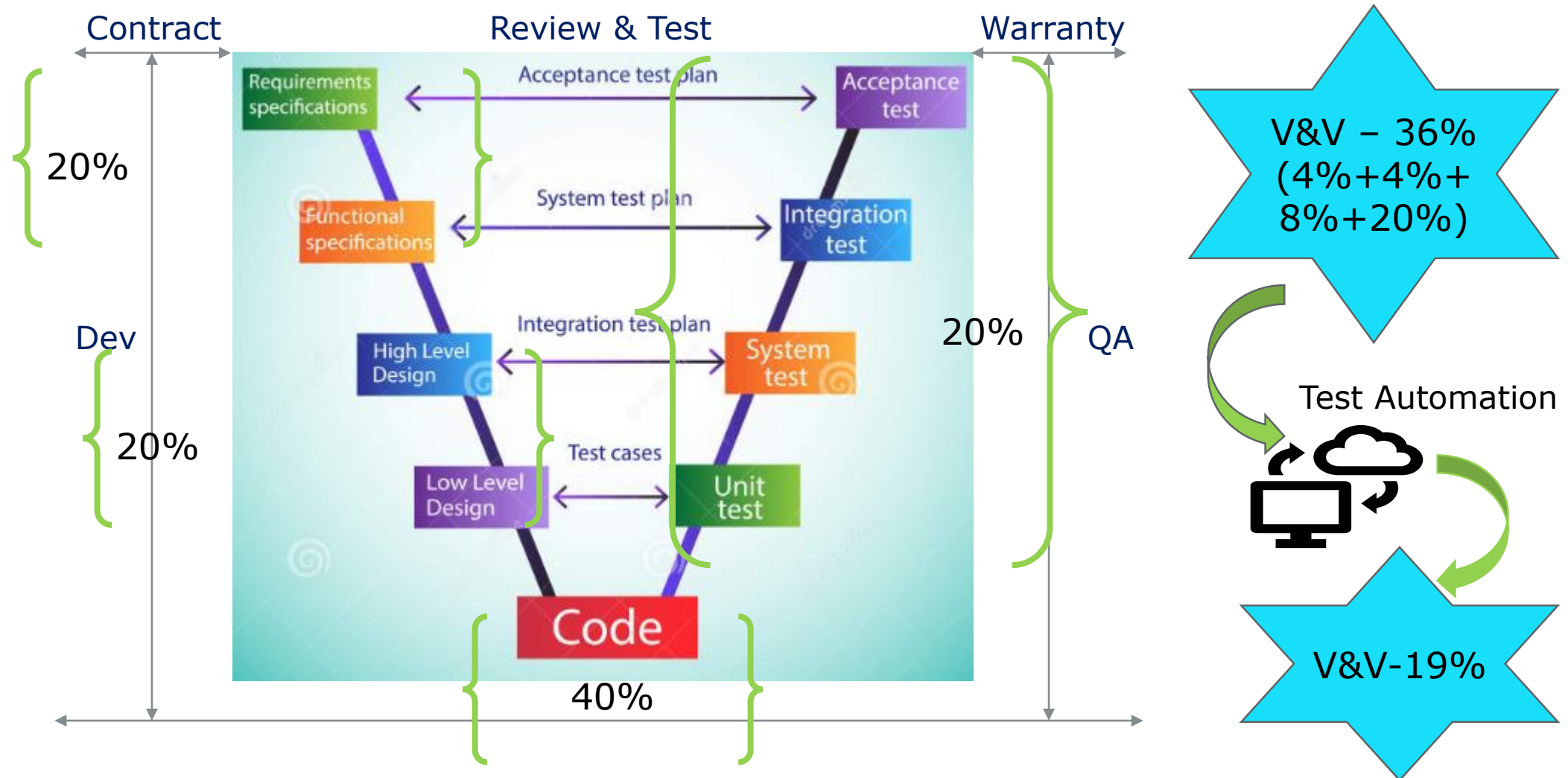
Benefits

Semiconductor – Apprx.. R&D cost/Microcontroller an example case



Benefits

Automotive - R&D cost an example product (Engine ECU) case (~11 mi Euro)



Author:

Suresh Kamate

Email- suresh.kamate@vector.com

