



Agile Software Development Extended to the Embedded Domain

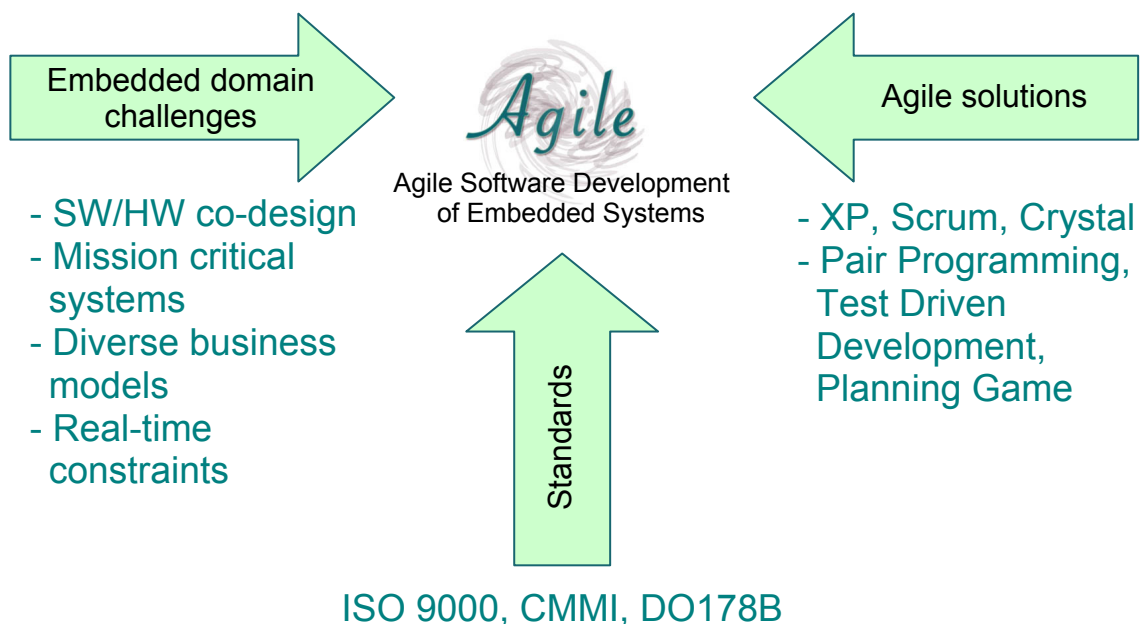
New software development technology capable to produce a significant improvement of the competitive position of the embedded software development industry in Europe

Expected Benefits of the Agile Solutions

- Agile software development approaches have proven their effectiveness in small-scale application level software development
 - 10-300% increase in productivity, a 250% increase in value delivered to the customer
 - Other empirically supported benefits include improved implementation & estimation skills, faster product integration, fewer schedule deviations and lower defect density

Problem Definition

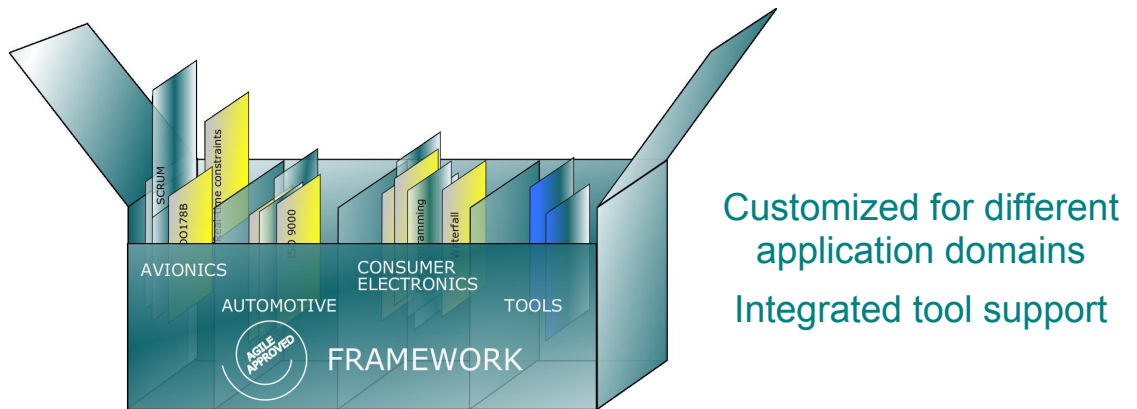
How to adapt Agile solutions to overcome the challenges of embedded domain while maintaining compliance to existing standards?



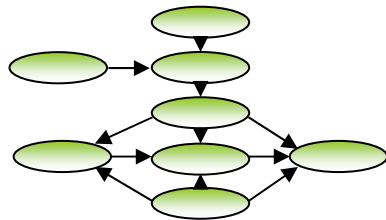


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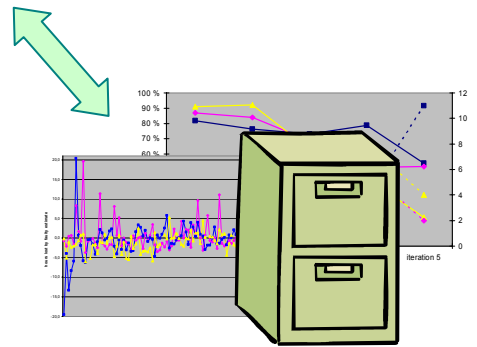
Expected Results



Agile Framework



Deployment Model



Industry Validation & Experience Base

Scientific dissemination
 Book on embedded Agile software development
 Input for IEEE 1648
 “Recommended Practice”

