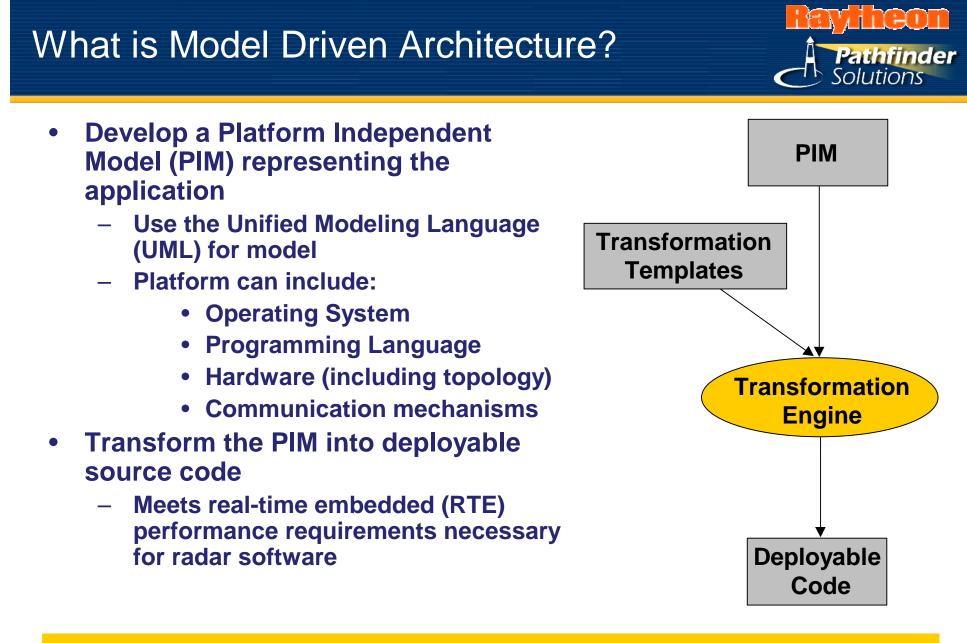


## Applying Model Driven Architecture (MDA) to Radar Systems

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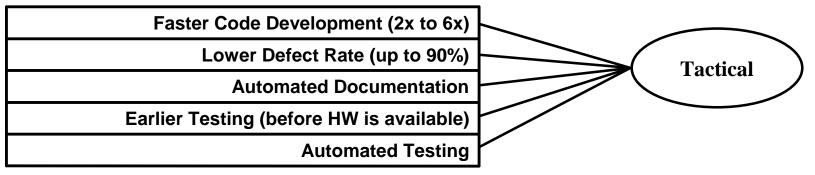
www.PathfinderMDA.com



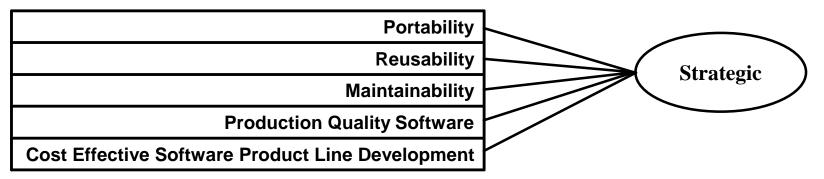
Separation of application from mapping to target hardware is powerful

### MDA Benefits Realized by Raytheon

#### **Short-term Benefits**



#### **Long-term Benefits**



MDA gave us portable models, generating high quality code faster

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(HUI)

**Pathfinder** 

# Pathfinder Solutions and PathMATE MDA Tool Set



- PathMATE tool set offers proven implementation patterns formalized in transformation templates and RTE open source run-time libraries
- Templates can be modified by Raytheon engineers to satisfy:
  - Radar domain specific patterns
  - Platform specific performance enhancements
- Consultants with:
  - MDA experience
  - Strong RTE experience
  - Radar experience
  - **DoD clearances**

PathMATE toolset delivers flexibility necessary for RTE systems