Technology Transition Panel

Trusted and Assured Microelectronics

Distributed Transition Environment

17 AUG 2016

Mr. Matthew Casto
Senior Electronics Engineer
Air Force Research Labs
AF JFAC HwA Technical Lead

Integrity ★ Service ★ Excellence

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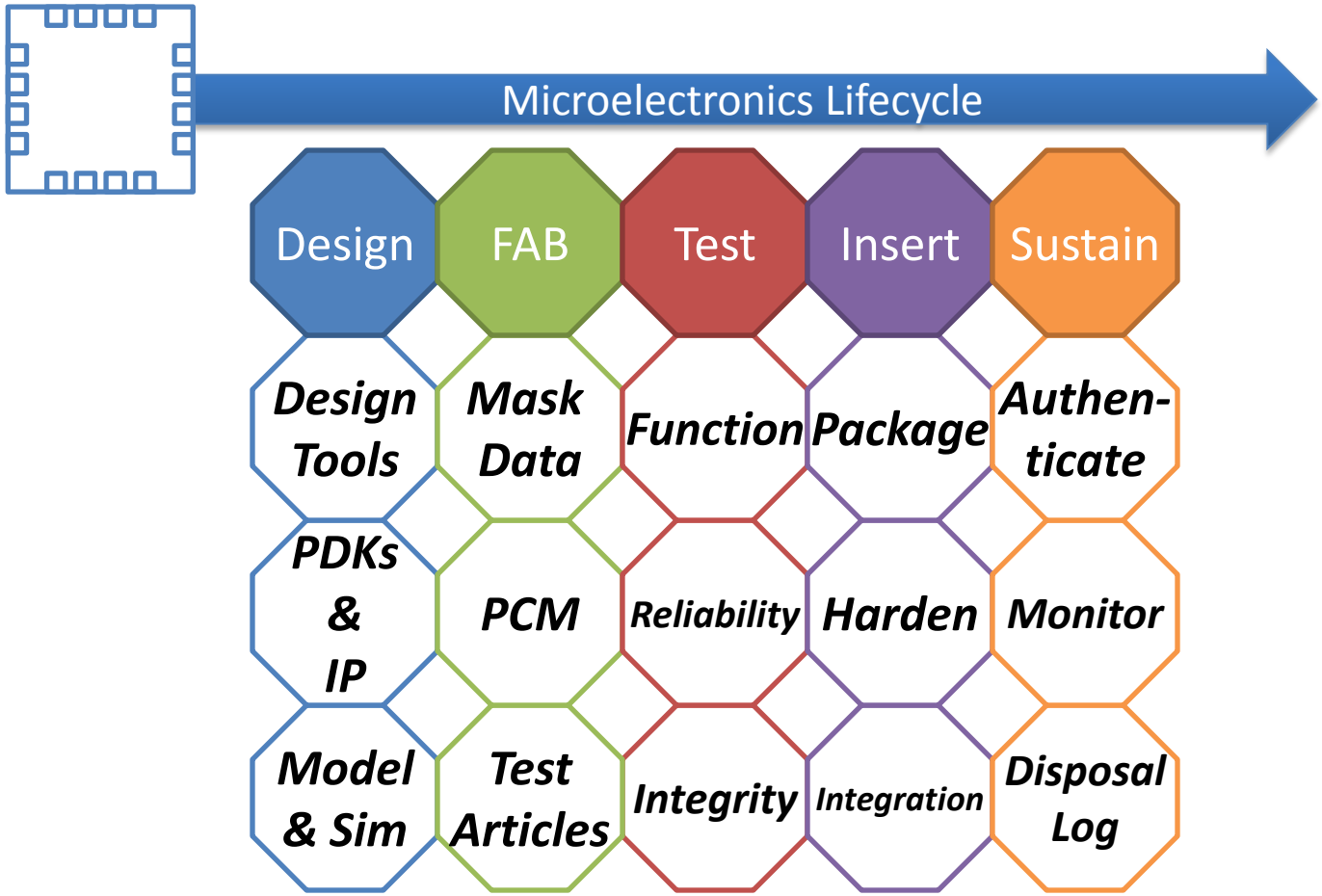
Integrated Circuit Supply Chain



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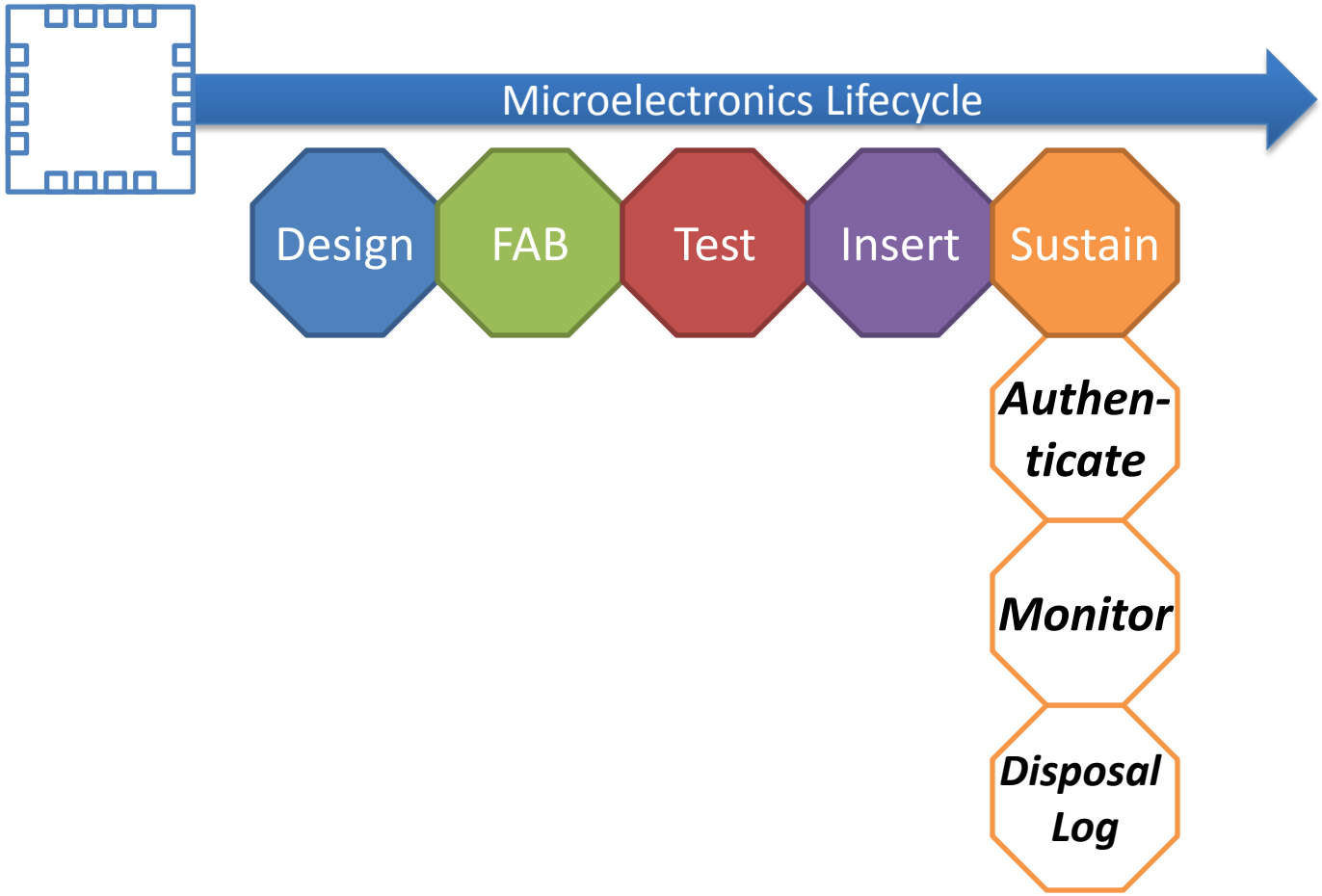

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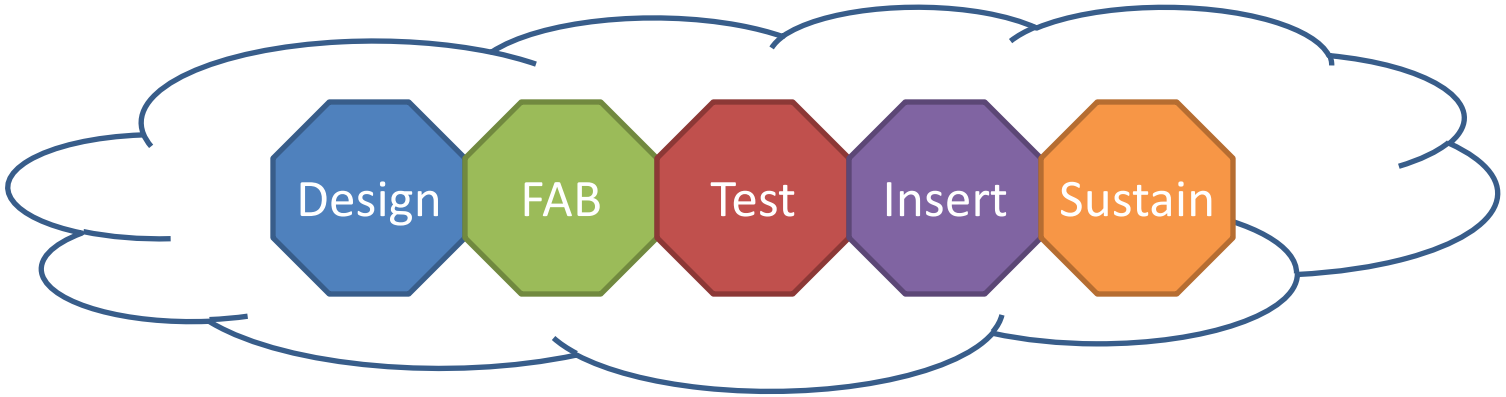
Putting Tools in Users Hands

Distributed Transition Environment



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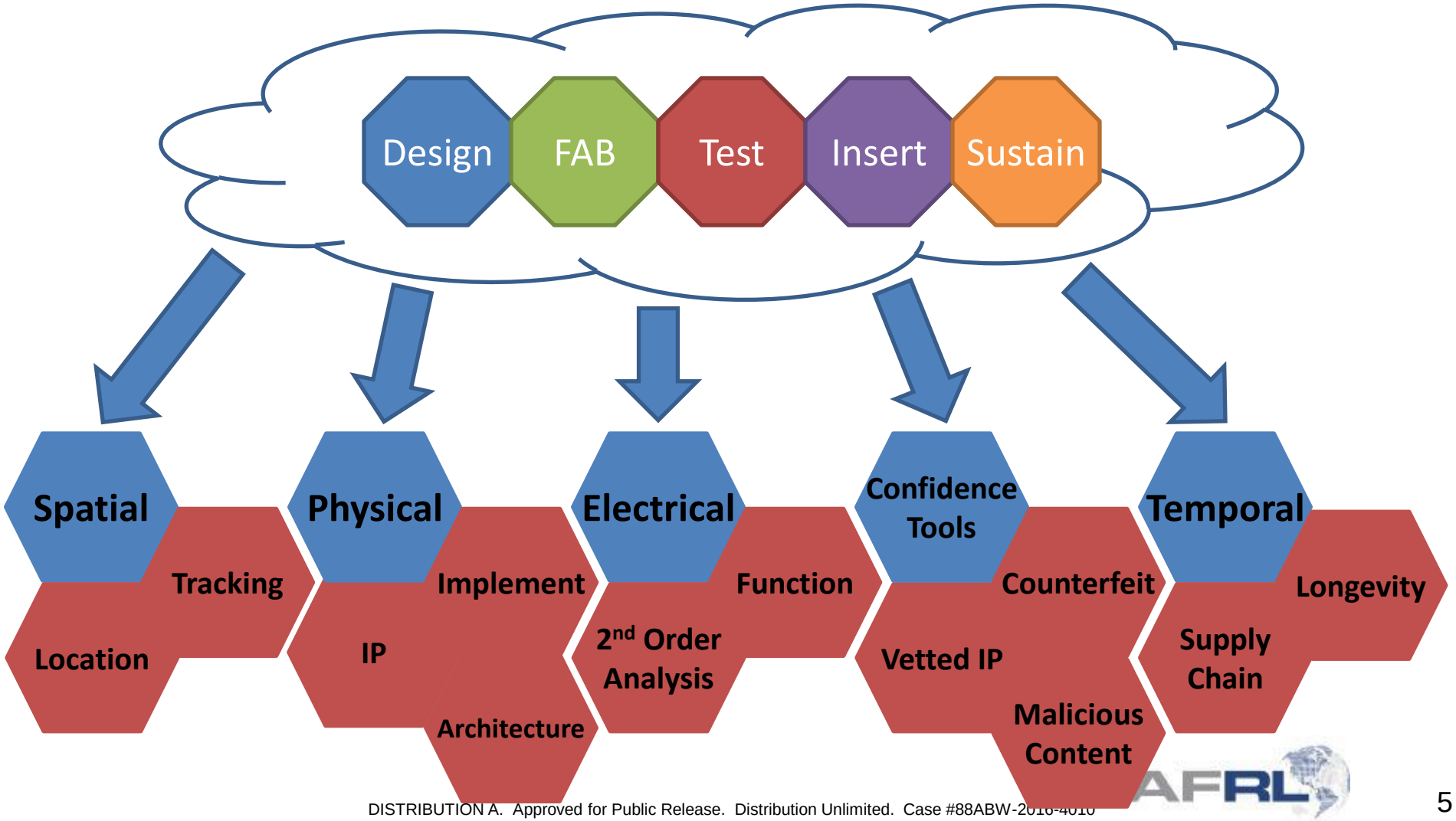
Multi-Domain Access

Distributed Transition Environment



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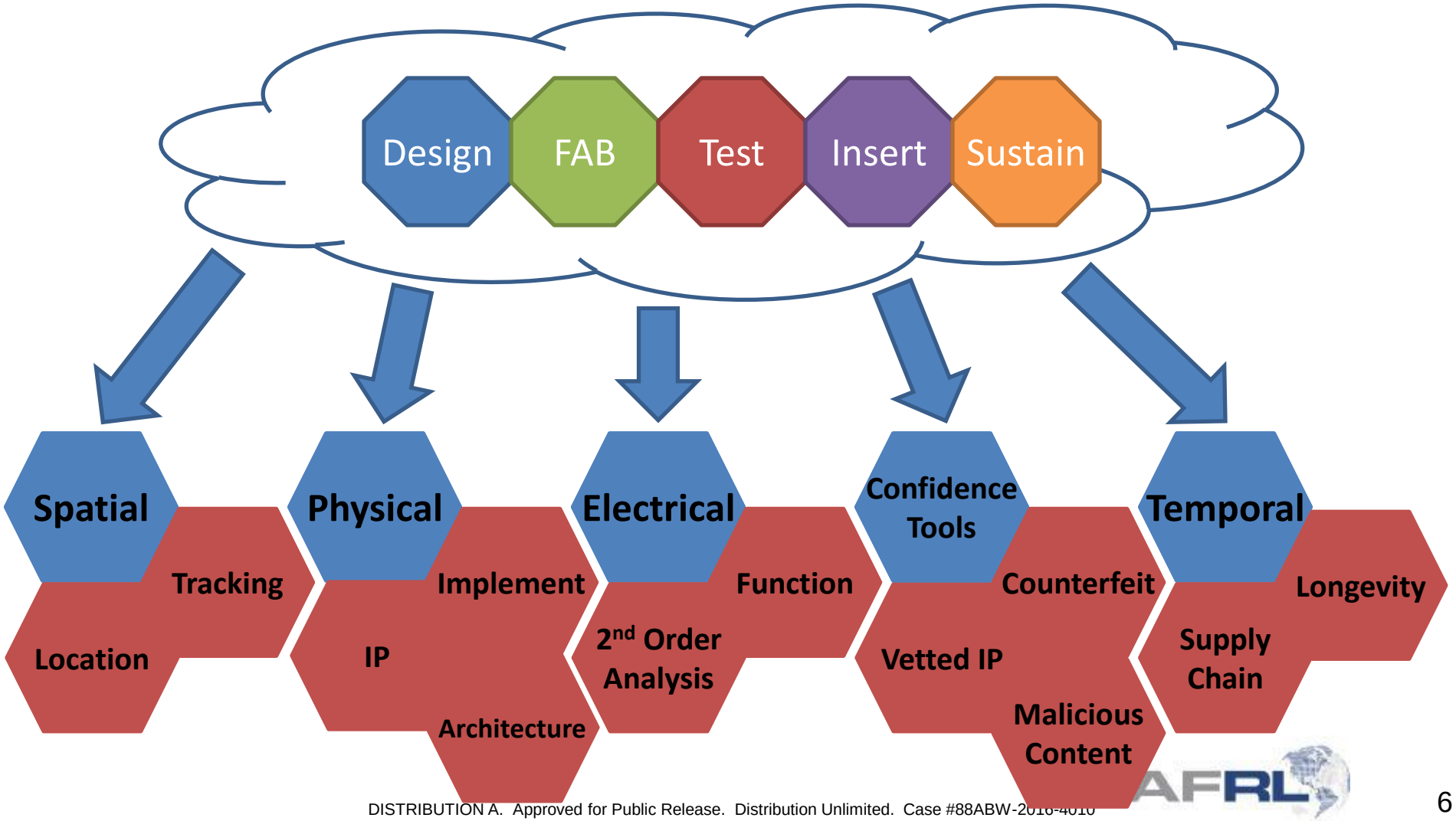

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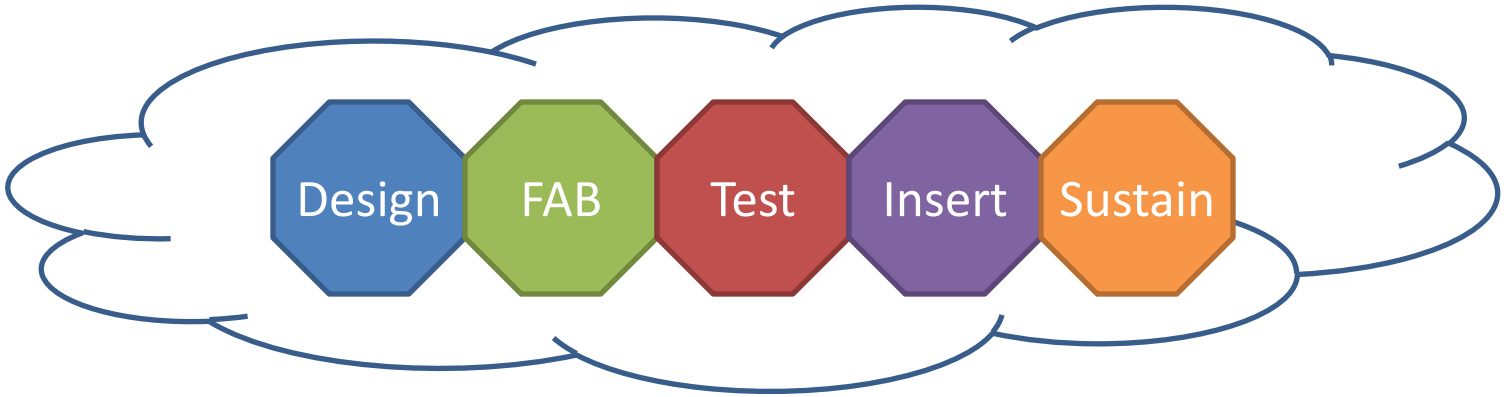
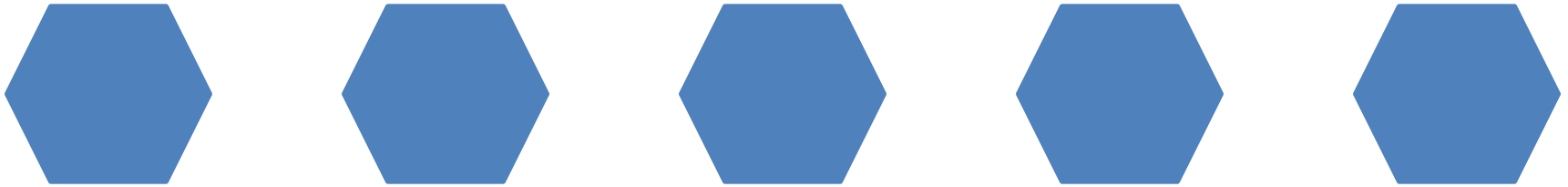
Verification and Validation

Distributed Transition Environment





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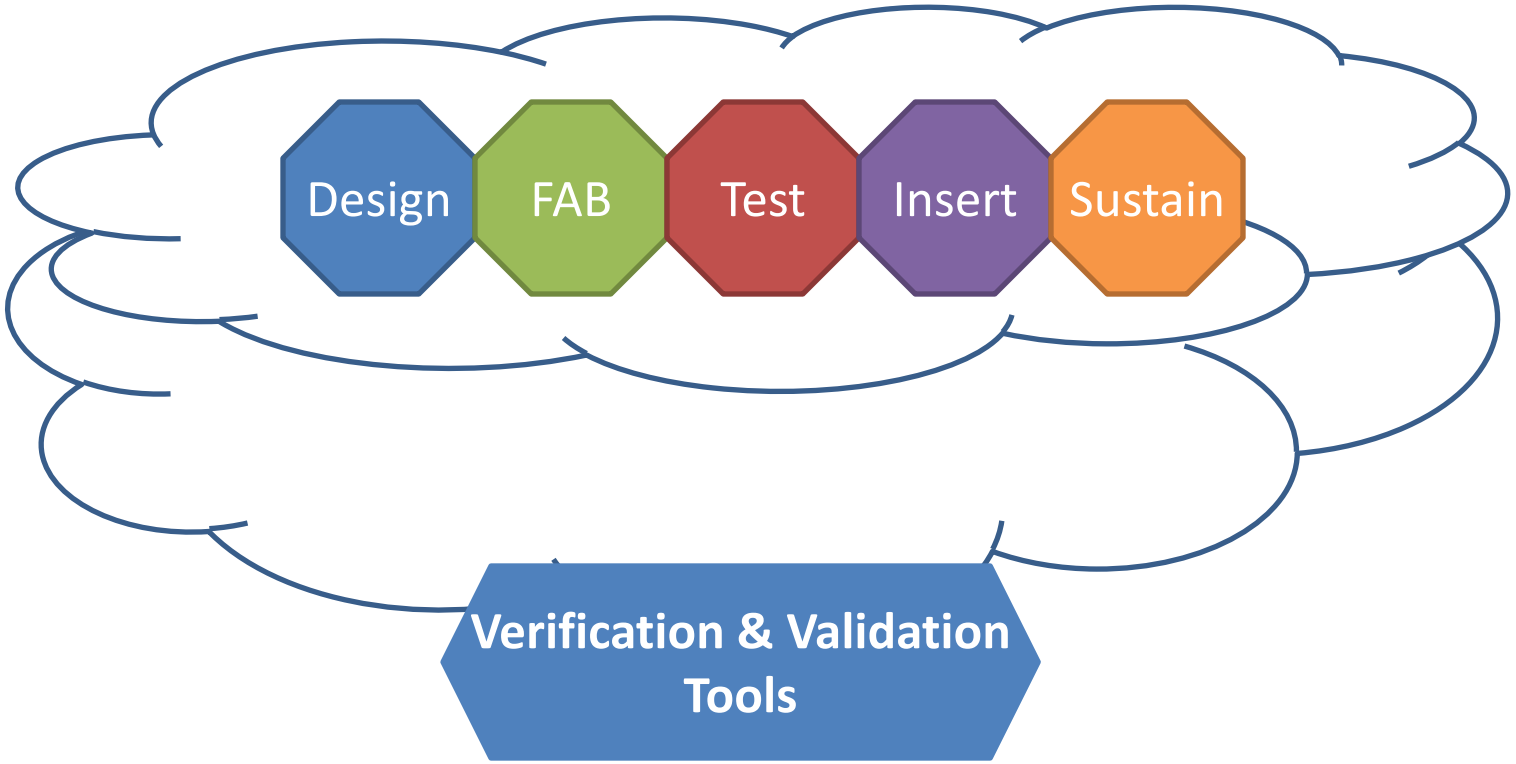

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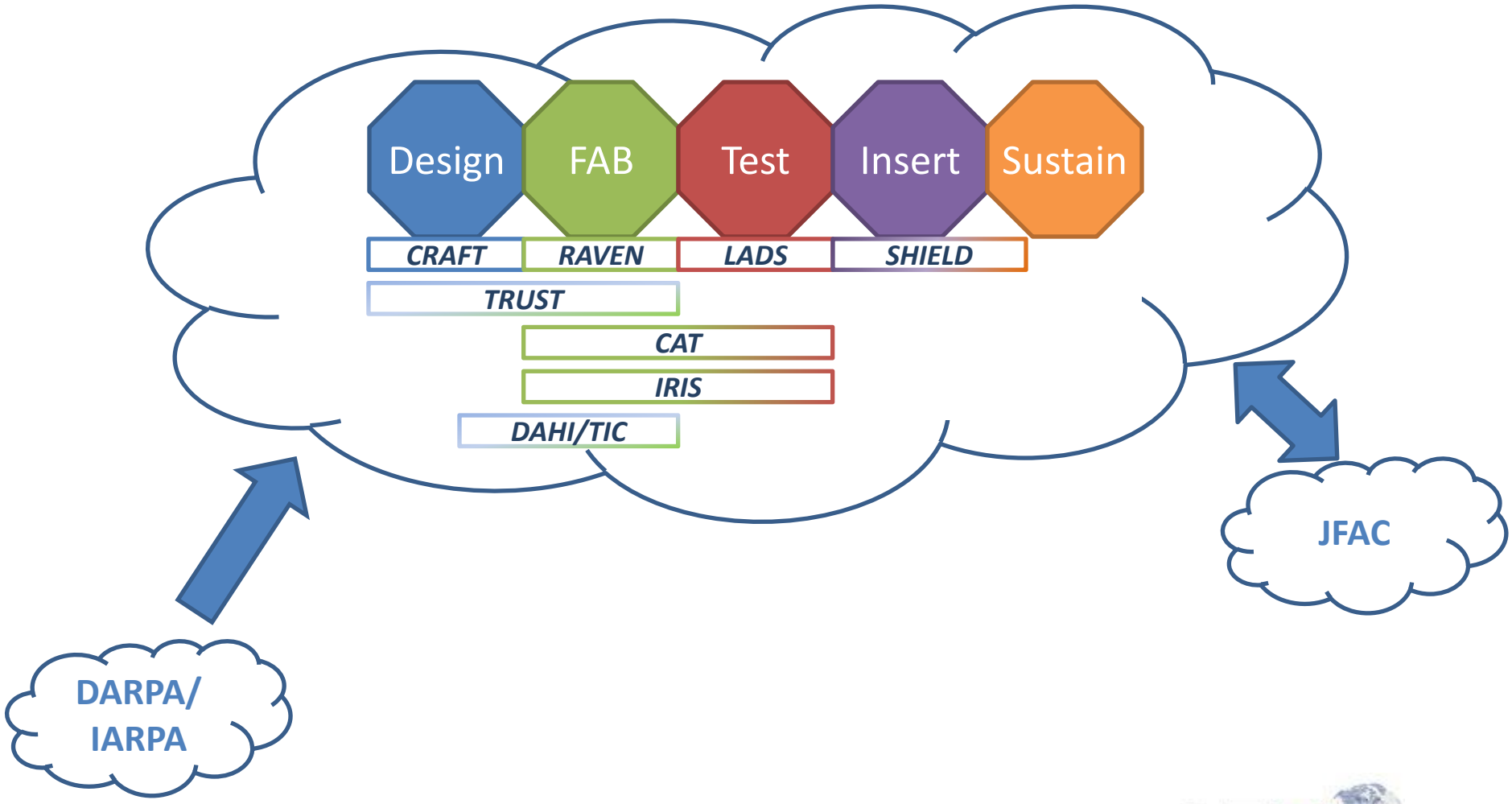
Identify and Transition

Distributed Transition Environment



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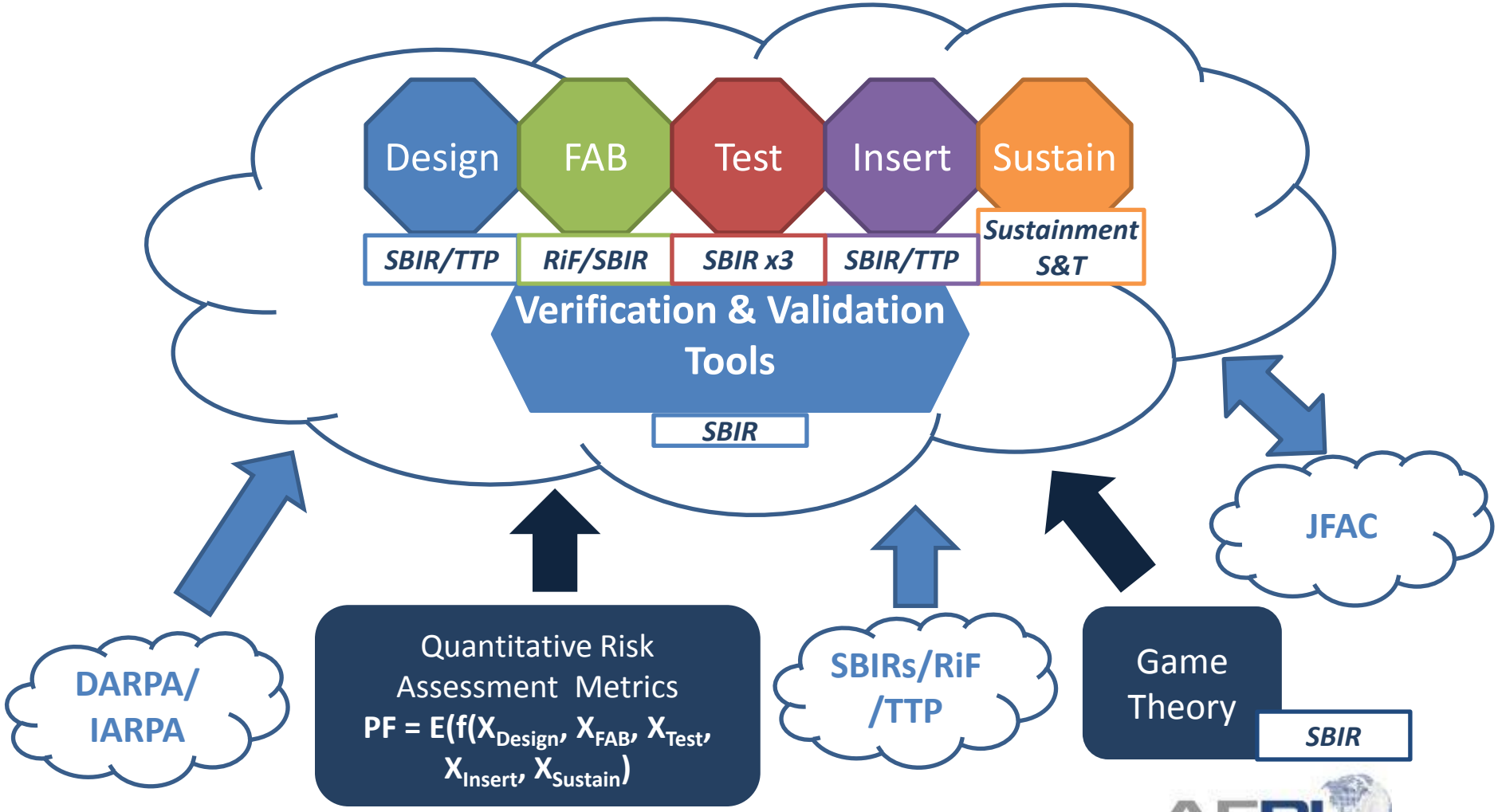

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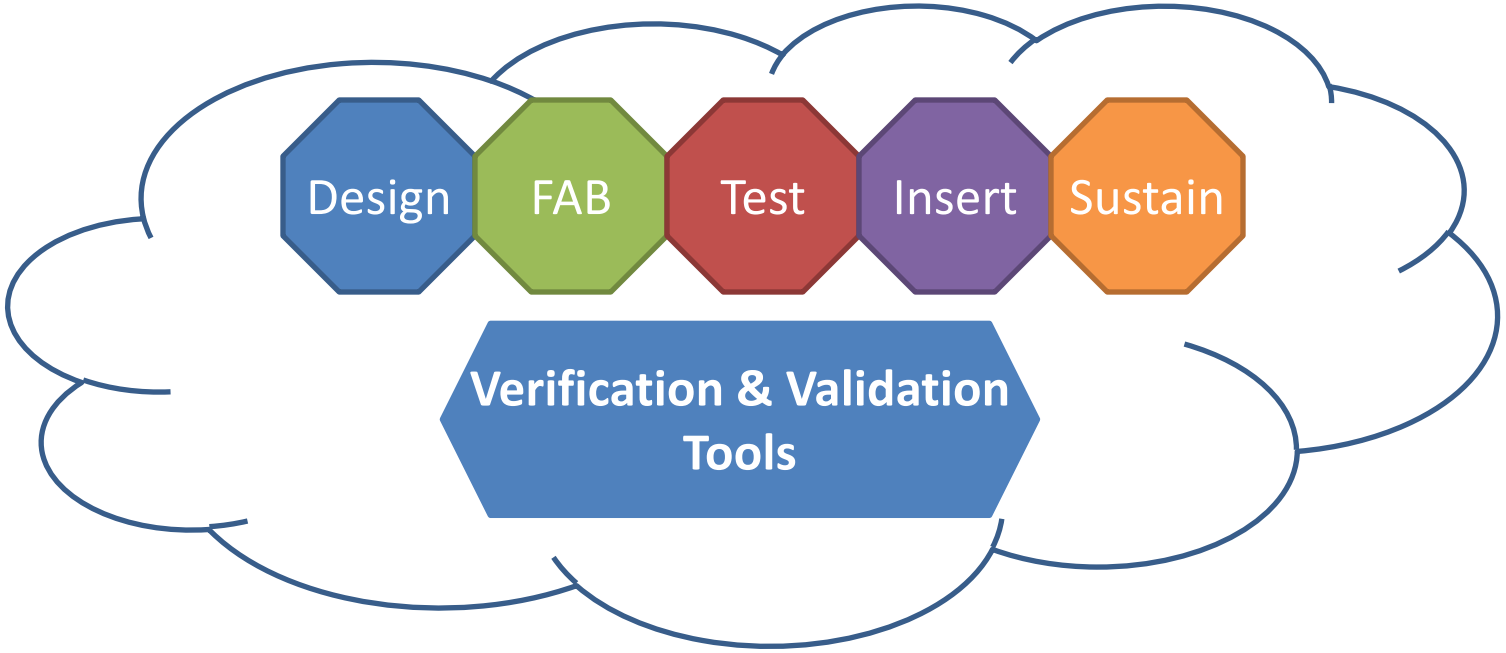
Collaborative and Distributed

Distributed Transition Environment



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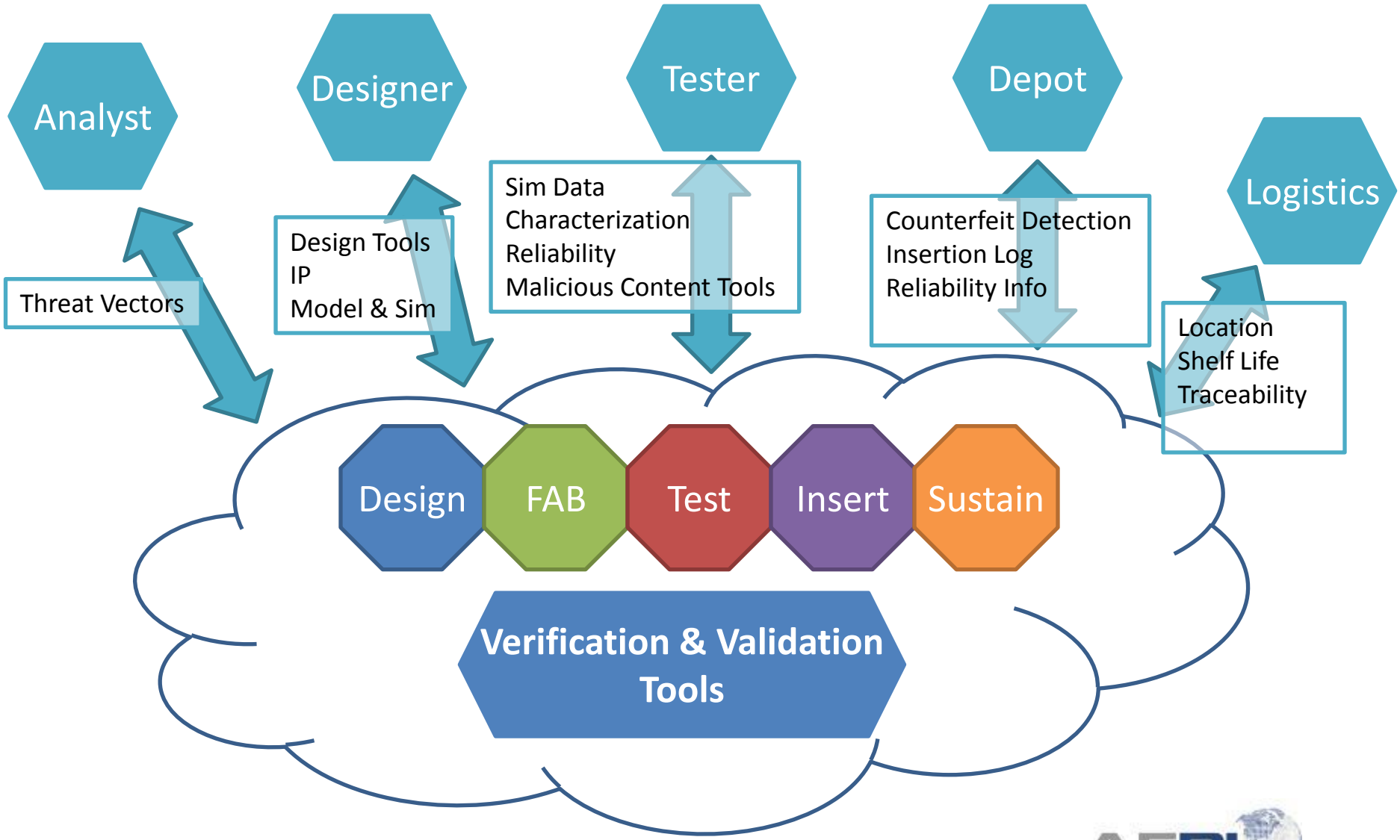

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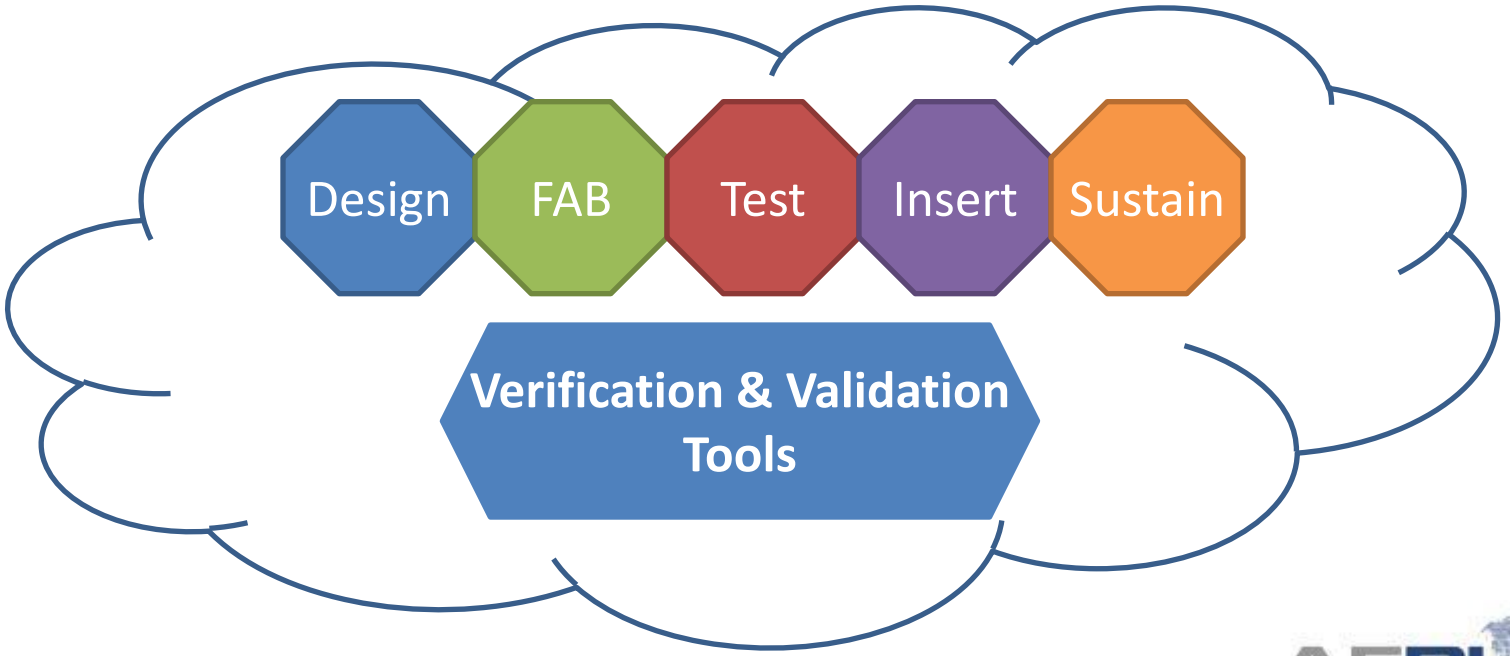
Multi-Dimensional Perceptivity



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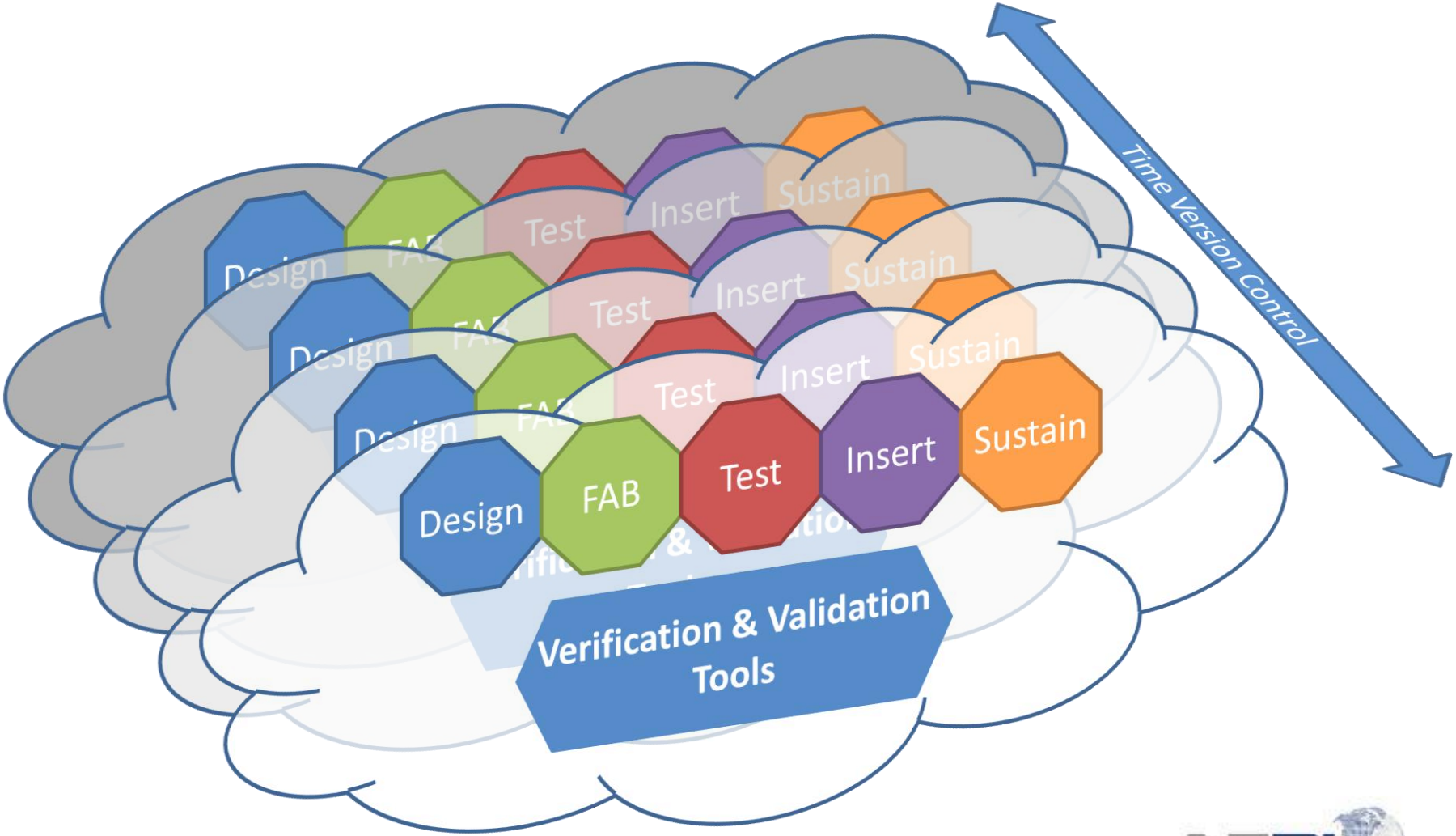

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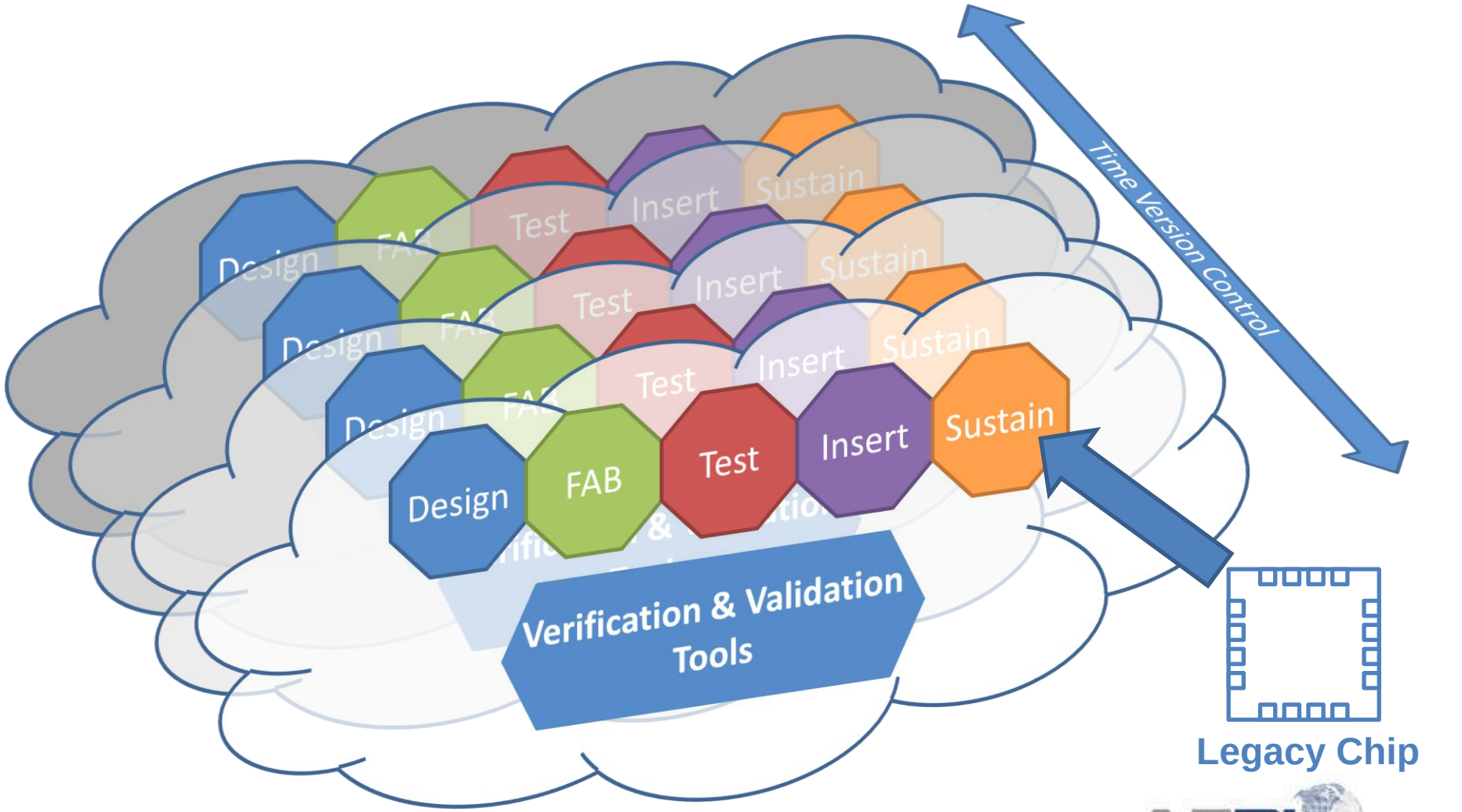
Case Example
Legacy Component



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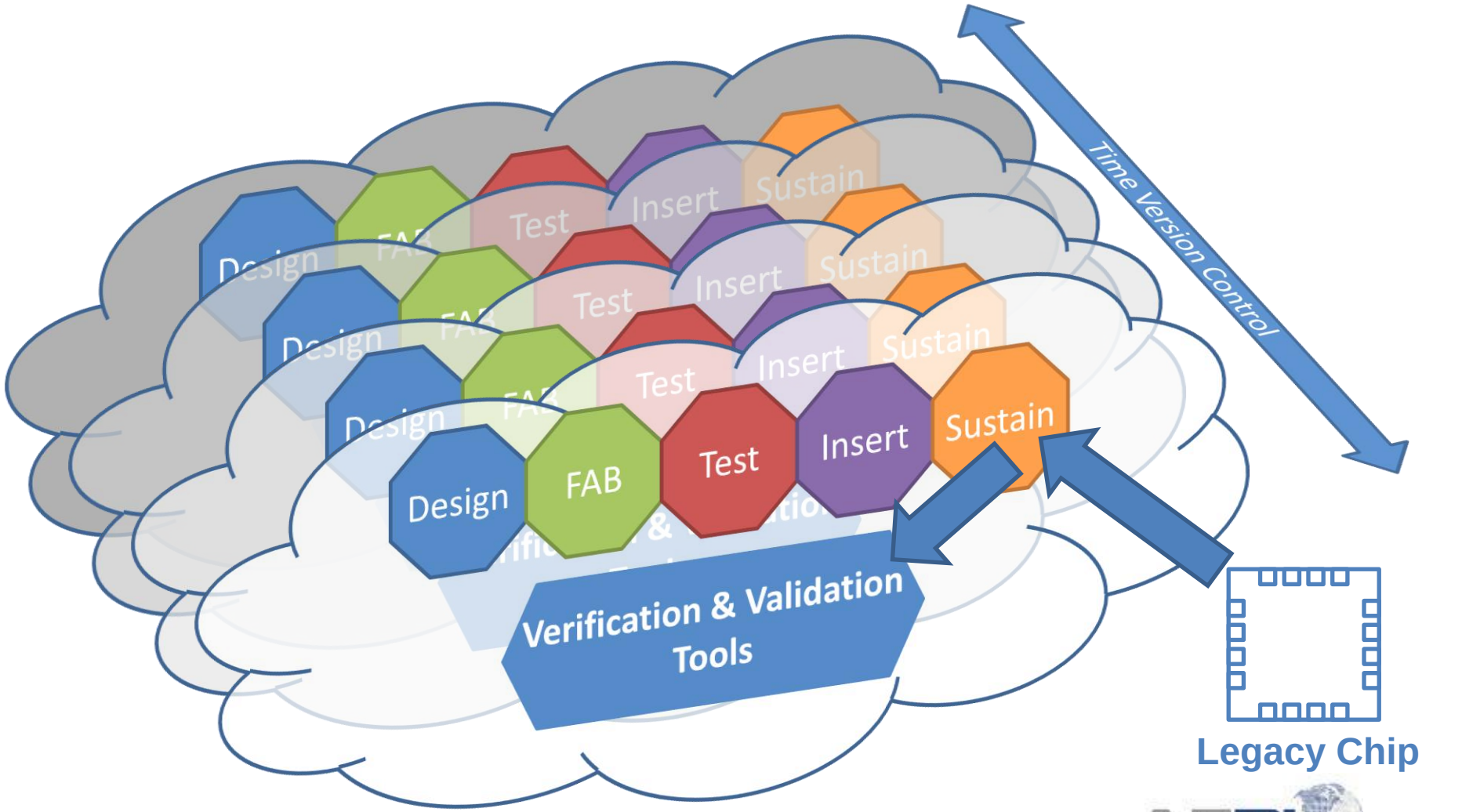

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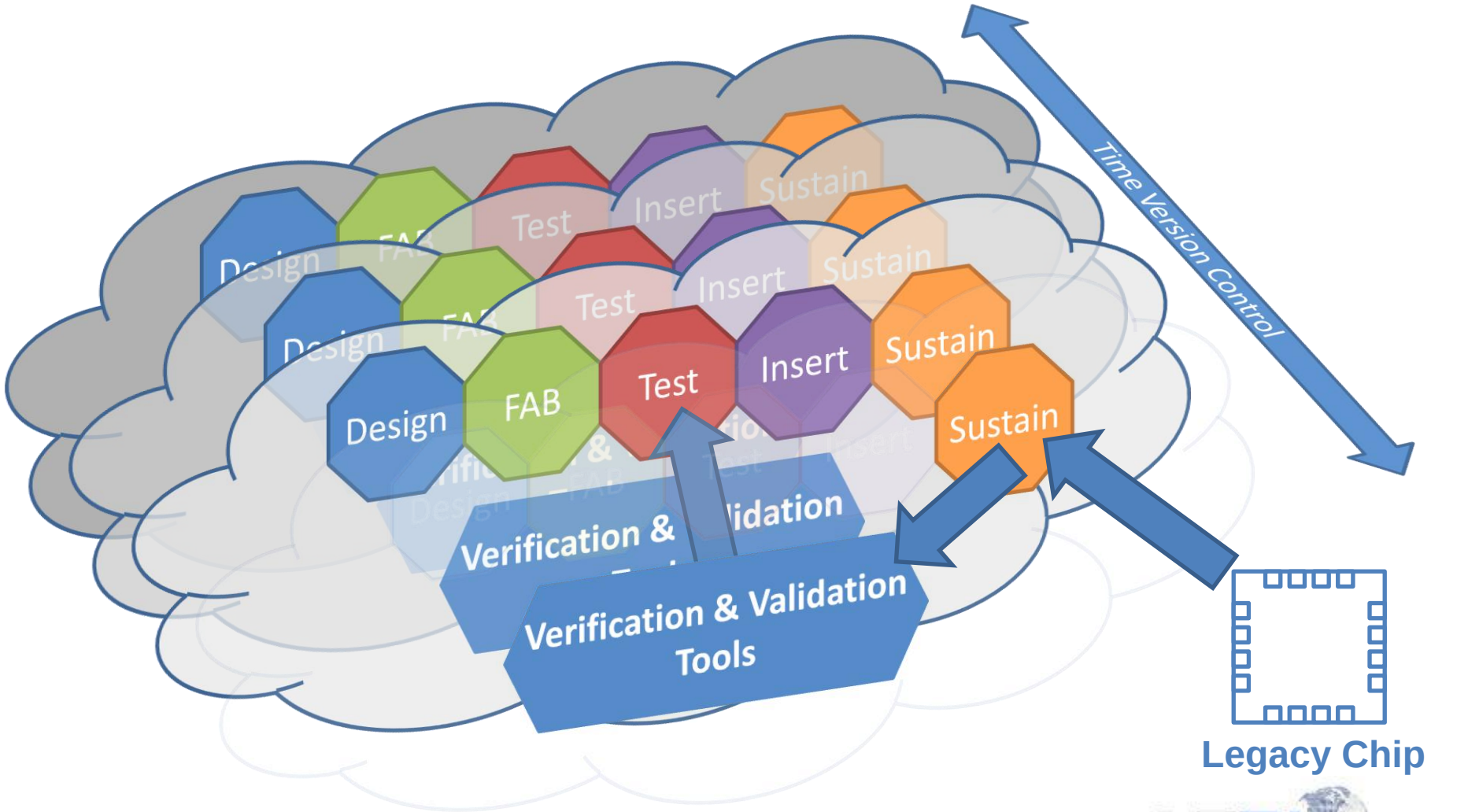

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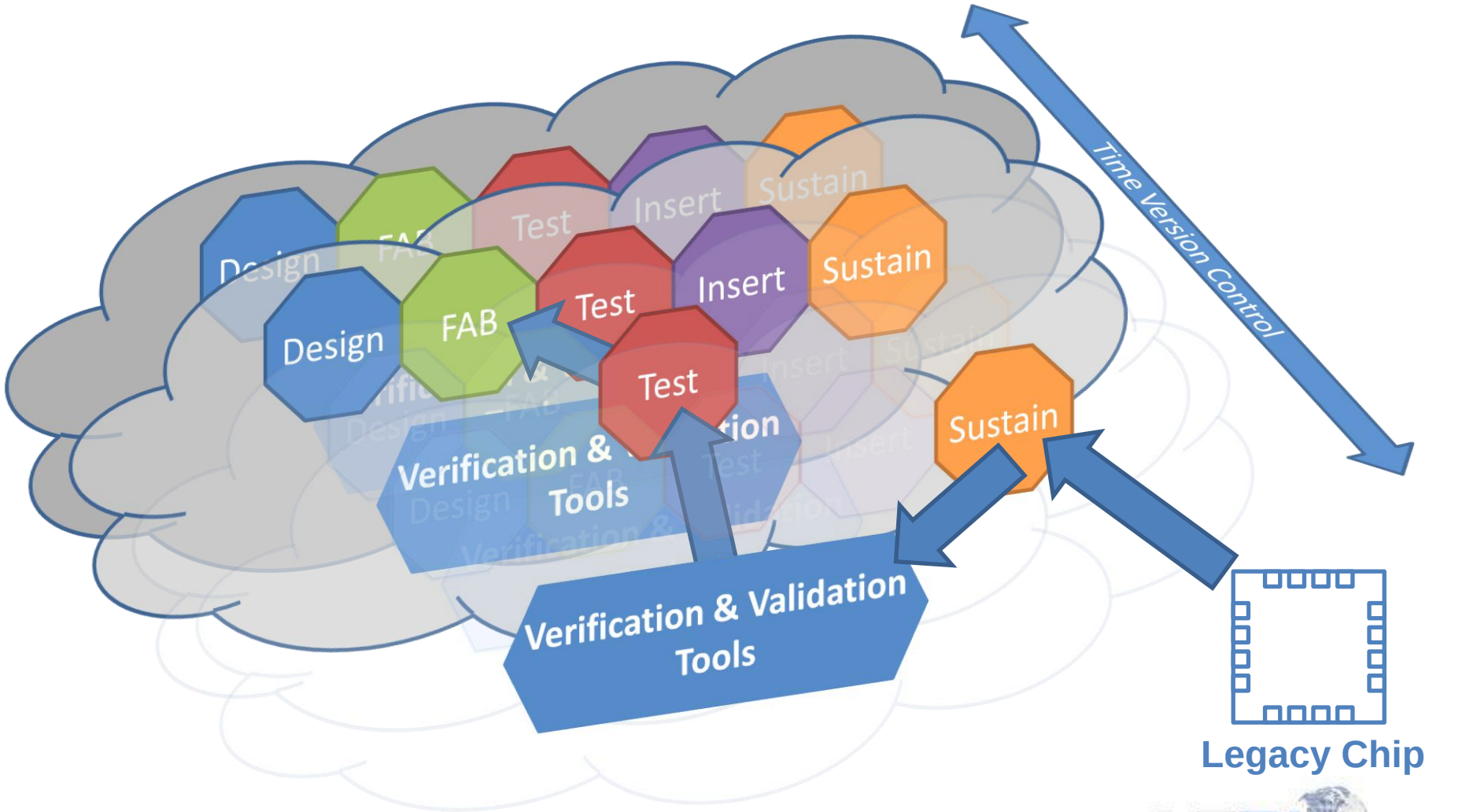

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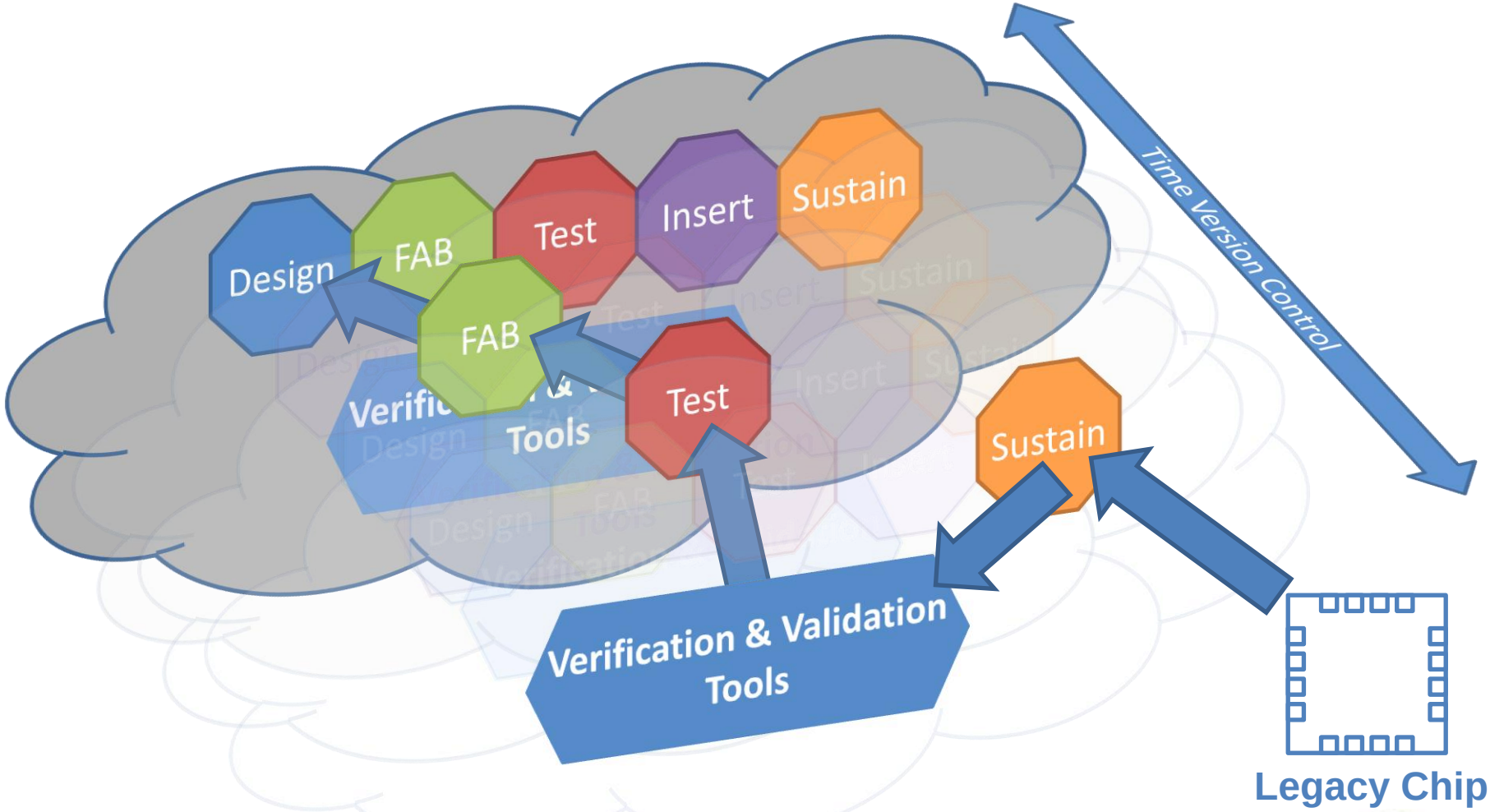

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Distributed Transition Environment
Key Enablers

- **Scalable lifecycle environment**
- **User access to tools and techniques**
- **Time and version control**
- **Address State of the Art, State of Practice, and Legacy and Boutique**

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Questions?

Early Flight | Space Age | Modern Flight | Cyber Domain | Future

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