



**Mission Critical
Enterprise Systems
Symposium**



Standards Based Integration: Reality

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Background

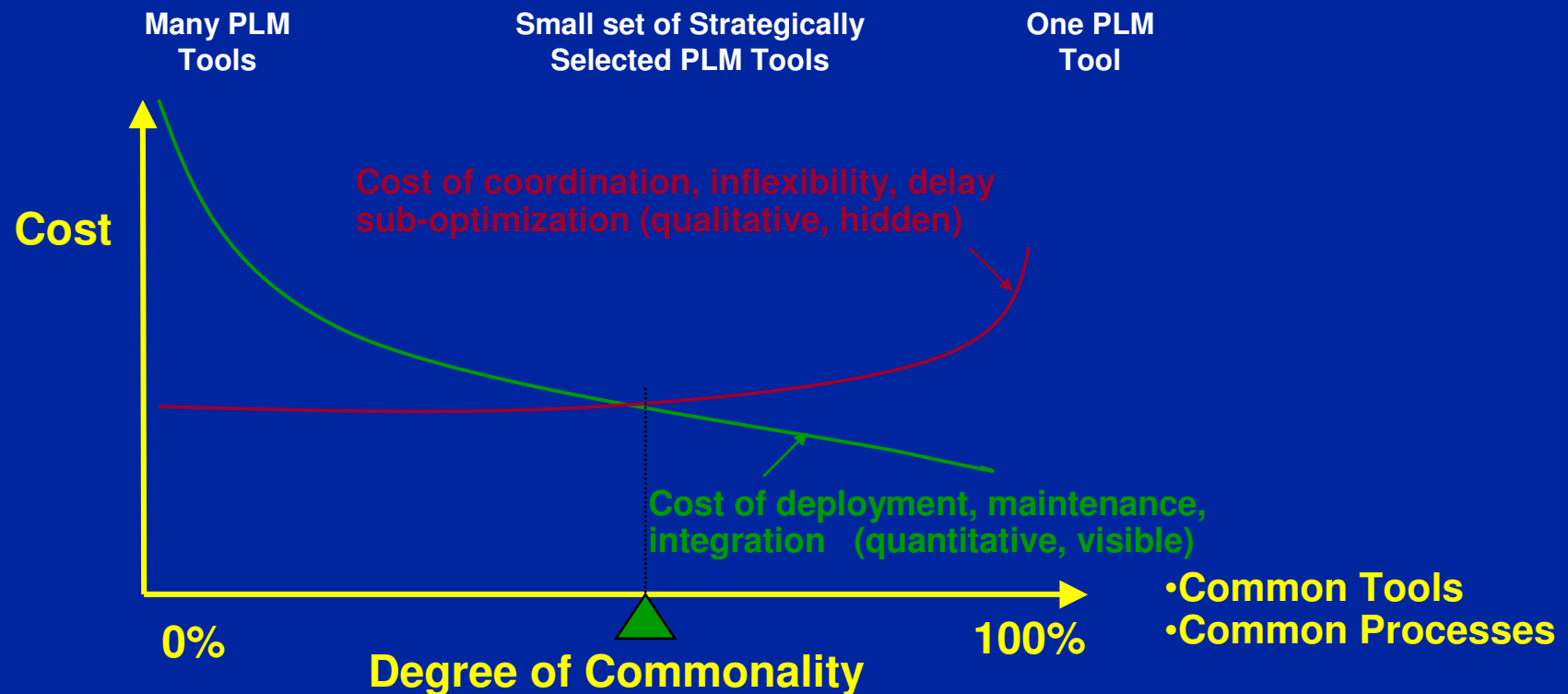
● Three Groups

- ◆ Std. Developers, Vendors, Customers
- ◆ Position is dependent on the domain



- ◆ Difference is emergence of a new class of vendors, products, and an installed base
 - ➔ Success depends on a business model, not just technology
- ◆ Standards are being used but not always at the right level (HTML, XML, Web Services, etc.)
- ◆ Need Semantic standards to have major impact on integration challenges

Myth of Common Tools



Need to focus on Standards and Interoperability

Issues with Standards

- **Standards are a key enabler for Interoperability**
- **Standards reduce the time and effort required to integrate systems**
 - ◆ Value increases with scope
 - ◆ Value increases with time (Changes)
 - ◆ Value increases with number of systems integrated
- **Standards help in reducing dependence on specific tools**
- **Need products that implement standards**
- **Need business models**
- **Need users who adopt standards**
 - ◆ Customers / Users are the innovators
 - ◆ Life-Cycle Process Owners and Downstream Process Owners will drive the adoption

Examples

● Standards Currently in Use

◆ Web Services (XML, SOAP)

- Commercially available development tools
- Commercially available tools that have standard interfaces
- Reported successes and benefits

◆ STEP/PLCS, STEP AP 203

- Commercially available tools to support the standards
- Reported successes and benefits
- Vendors beginning to take notice

● Customer Community Needs to Understand Standards and Demand Compliance

Standards Are Real and Waiting to be Leveraged

