

Update on SIA Standards Activities

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Presentation to The Smart Card Alliance, April 20, 2004



Standards

Government Relations

Research & Technology

Education



Security Industry Association

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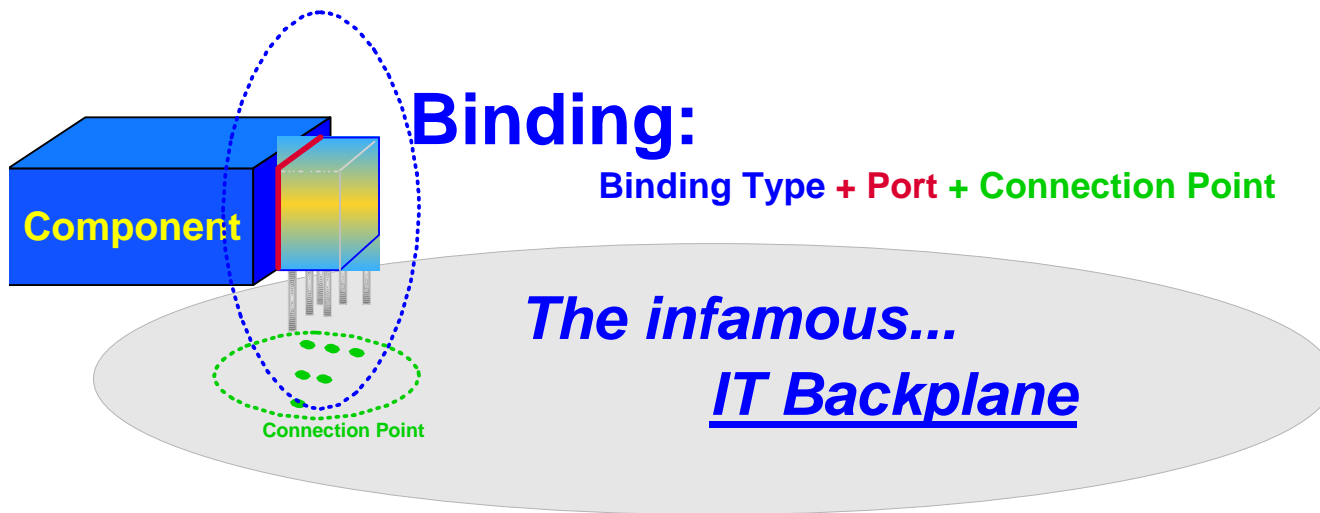
www.siaonline.org

Activity Update

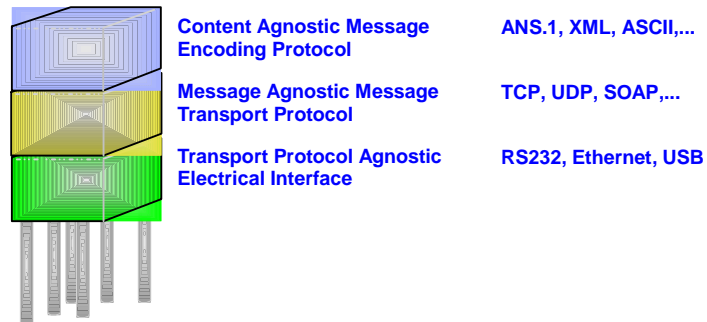
- **Objective:** Aggressively and regularly publish SIA standards.
- **Tactic:** OSIPS (Open, System Integration and Performance Standards)
 - An integrated family of American National Standards interface data models that are binding independent
 - Documented in UML (Unified Modeling Language, an OMG Standard.)
 - **SCA Related Work:** Personal Identity And Card Management Interface Data Model
- SIA is developing a Standards Roadmap based on an industry meta-model. This an essential element of SIA's planning process.



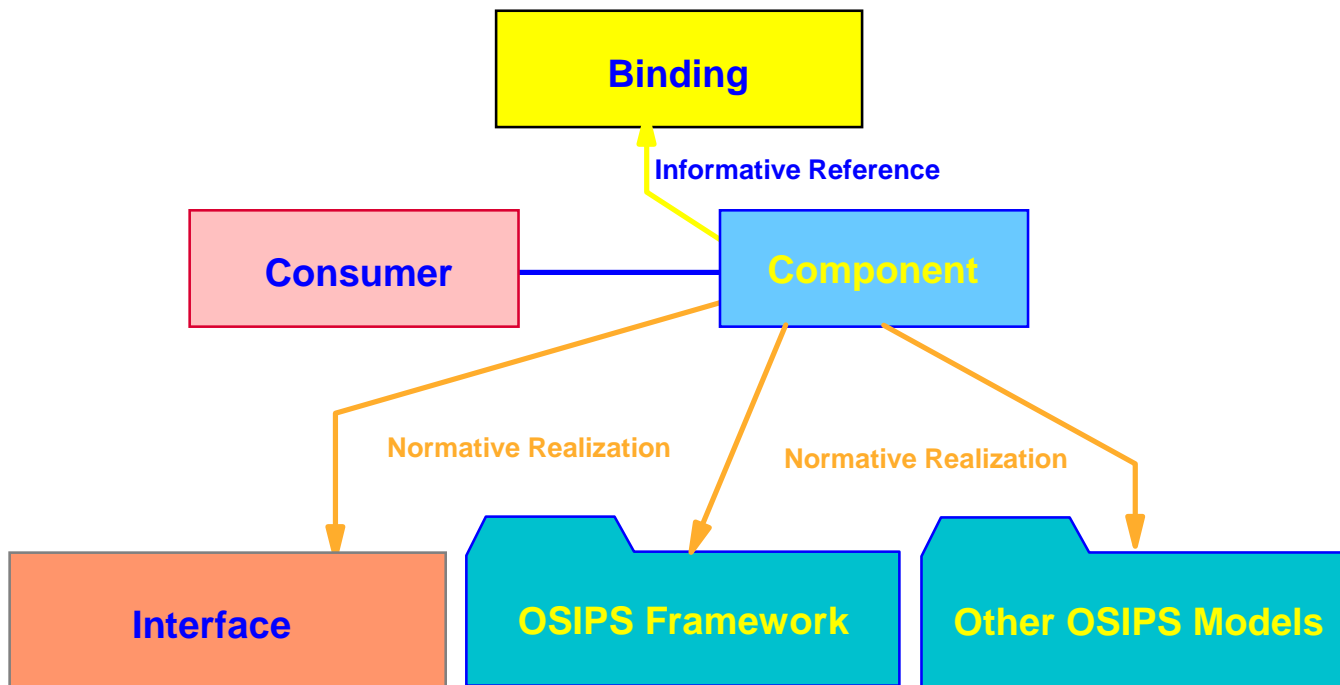
Binding Independence: Plugging Into The IT Backplane



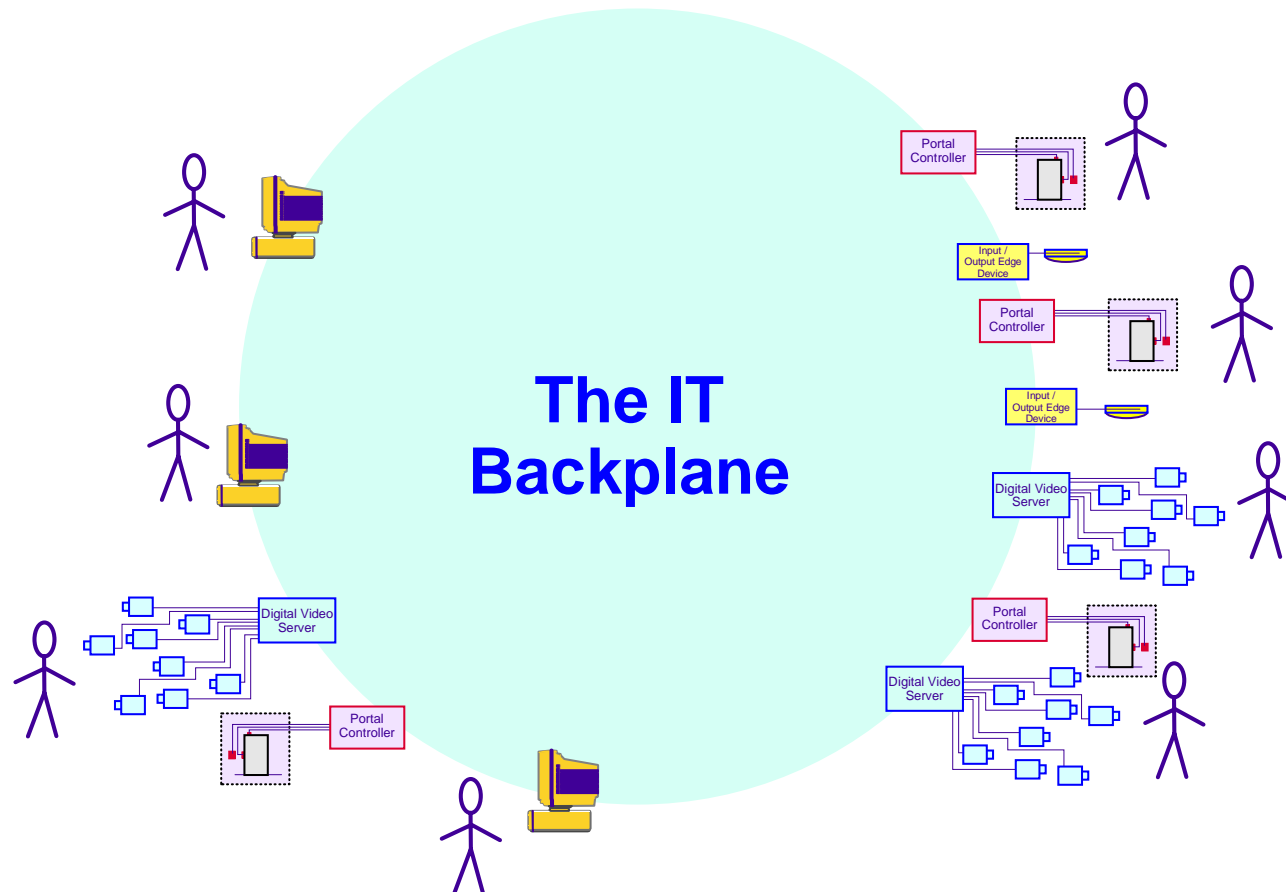
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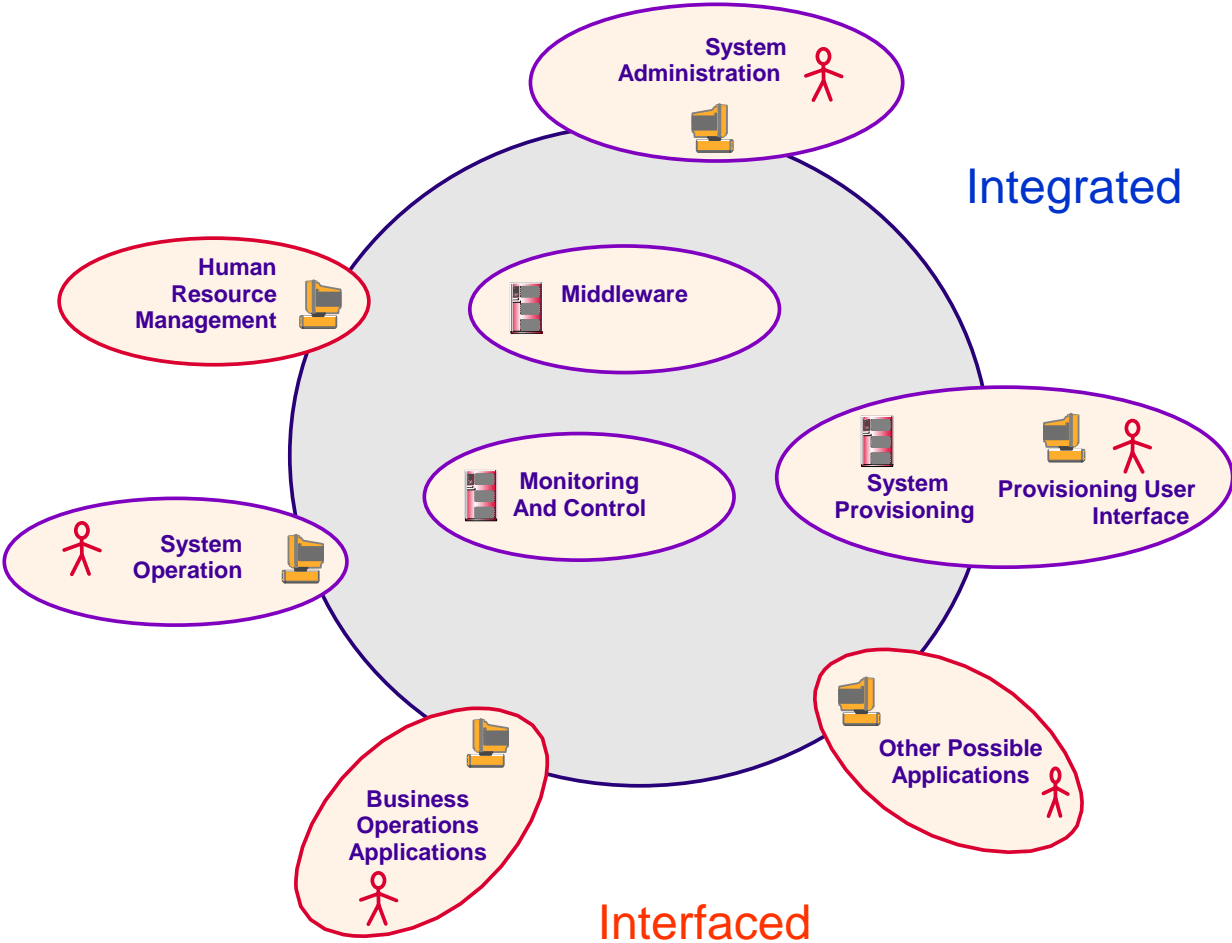
Described In Unified Modeling Language (OMG Standard)



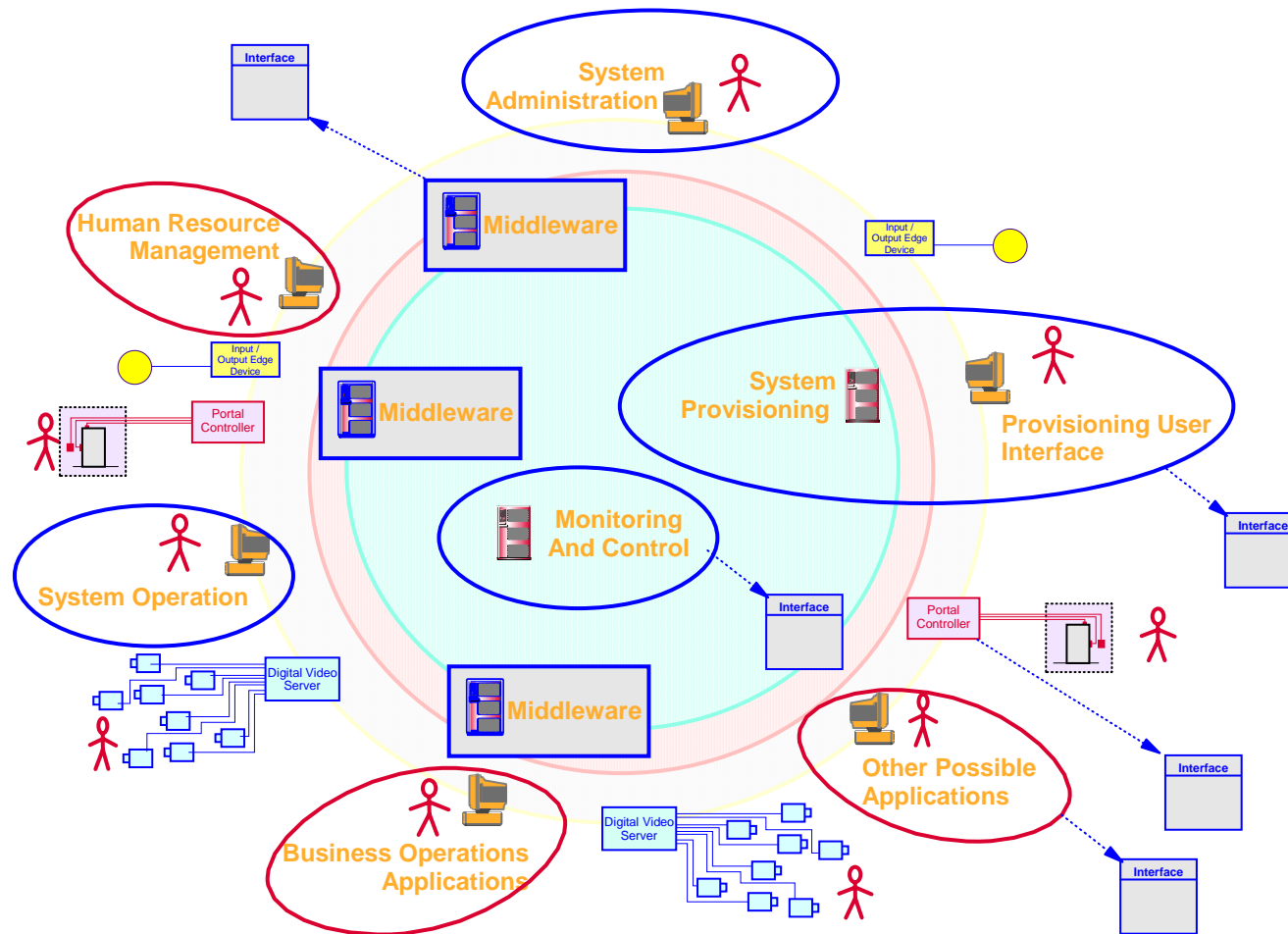
Meta-Model: Field and Edge Devices



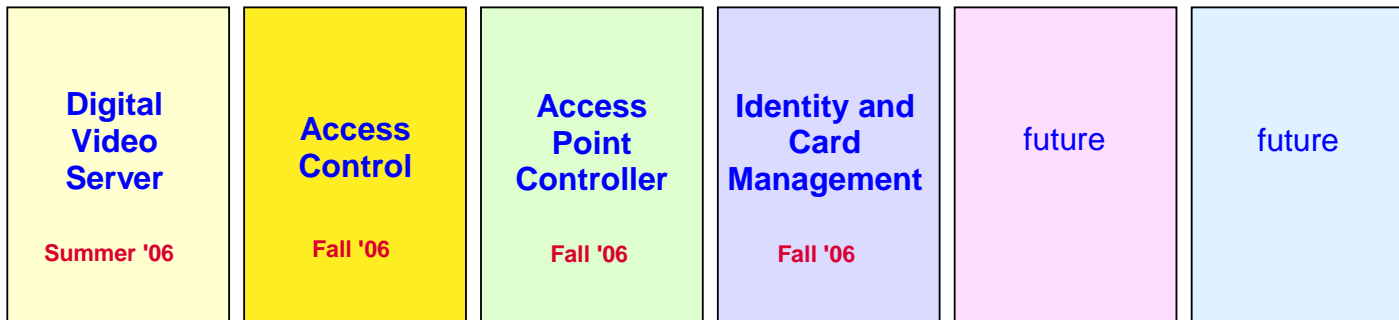
Meta-Model: Applications & Middleware



The Meta-Model Defines The Scope of SIA's Roadmap



Current OSIPS Activity and Timeline



OSIPS Framework: A set of common design elements required to provide the foundation for open, system integration and performance standards (OSIPS).

Summer '06

Component Connection: How products connect to one another

Capabilities Exchange: How products tell others the services they provide

Authentication and Authorization: How to exchange info about user authorities

Schedules Exchange: How products exchange information about schedules

Event Reporting: A unified mechanism for reporting events

IO Points: A generic set of templates for monitored and controlled points

Framework Elements: Common message types & formats, data types, definitions

