

Synopsis - integrating knowledge...

**EMARS™ – Environmental Material
Aggregation and Reporting System**

German Avila – Product Manager



Synapsis Technology

Application software company headquartered in Philadelphia

High Tech Electronics Expertise

- Electronic Design Automation (EDA) & Bill of Materials management
- Manufacturing and inbound supply chain
- Material Content Management
- RosettaNet

Staff Experience

- Motorola, General Instrument, Hewlett-Packard, Unisys
- PTC, EDS, SDRC, Parametric Technology, Computervision, SAP



EMARS™ – Environmental Material Aggregation and Reporting System

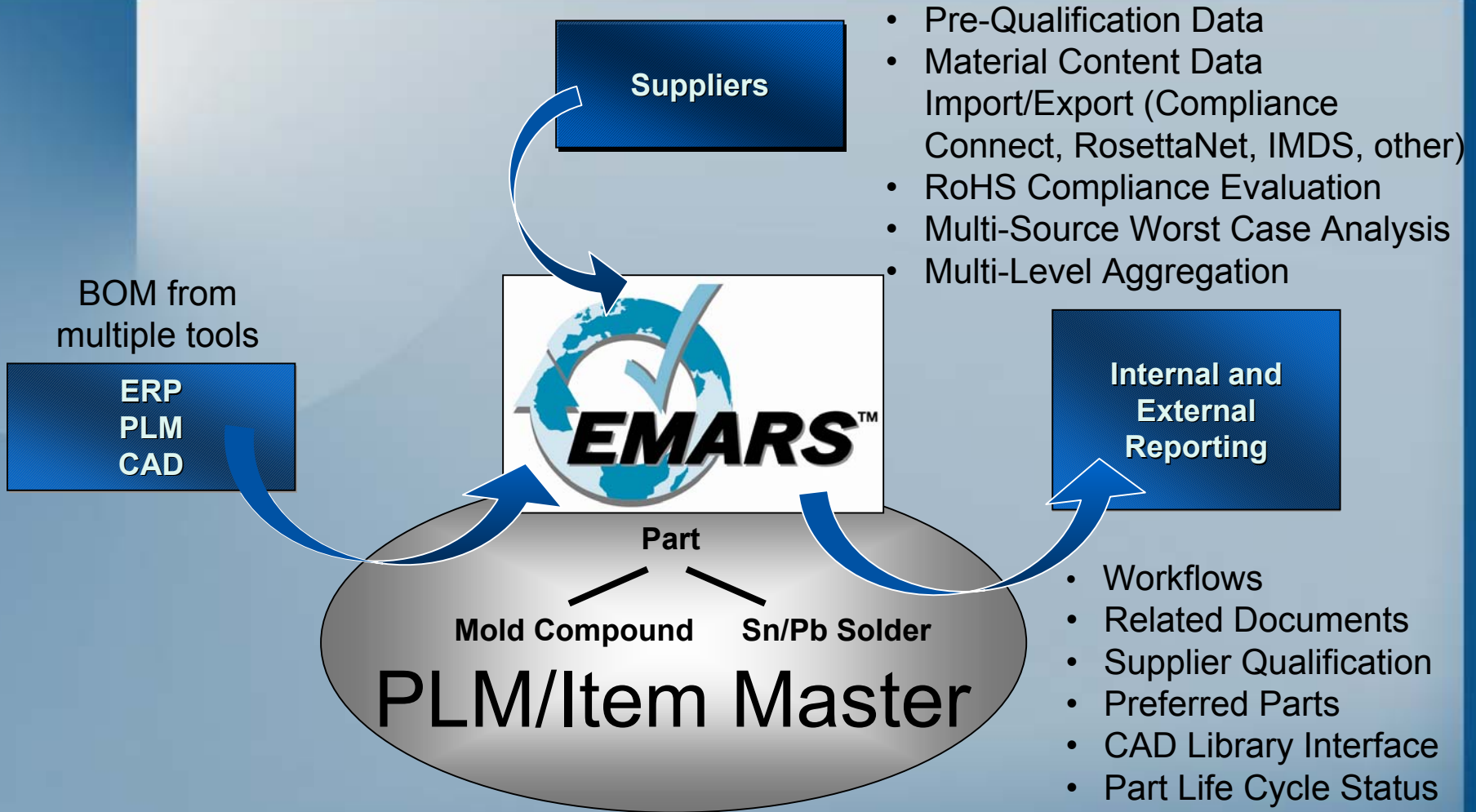
Features

- ✓ Comprehensive Compliance Management framework for **Parts and Products**
- ✓ Automatic validation against **ANY** compliance standard
- ✓ Data source independent
- ✓ Product BOM aggregation across **multi-sourced** components
- ✓ Supports **RosettaNet, IMDS, Compliance Connect**
- ✓ Stand alone or integrated

Benefits

- ✓ Reduced cost of compliance
- ✓ Adapt to changing business needs
- ✓ Reduce total cost of ownership (TCO)
- ✓ Manage products & suppliers
- ✓ Simplified connection to suppliers & customers

EMARS™ Integration



Managing Exemptions - Example

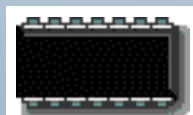


Part A

Pb in solder

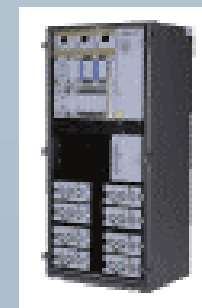
FAIL

PASS with Exemptions



Part B

Pb in high melting solder



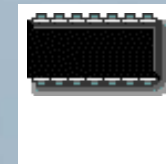
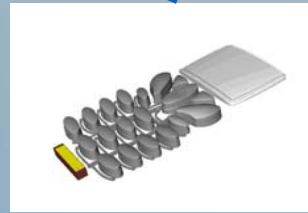
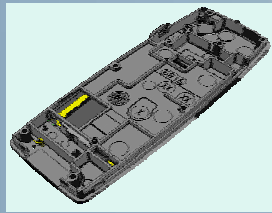
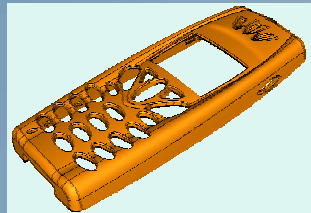
PASS with Exemptions

PASS with Exemptions

	Specification	Section	Revision	Disclosure	Status	Exemption Date	Qualification Owner
	ROHS	CONSUMER	A		X		gavila
	ROHS	INFRASTRUCTURE	A		✓*		gavila
	ROHS	SERVER	A		✓*	1/1/10	gavila

BOM Aggregation

Total Aggregation



Selective Aggregation

Flat Aggregation

Architecture

- Web Interface, no client to install
 - Front-end can be configured to use customer Intranet look and feel
- J2EE Compliant Web Application
 - Can be deployed with any J2EE compliant Web Application Server (including Tomcat)
 - Reuse of existing infrastructure
- Dynamic views to existing backend systems 100% configurable.
 - OOTB support for any system that can be accessed via JDBC
- LDAP Authentication Support



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