

Leading equipment-side software product for EDA/Interface A standards implementation



Highly Configurable Solution for EDA/Interface A

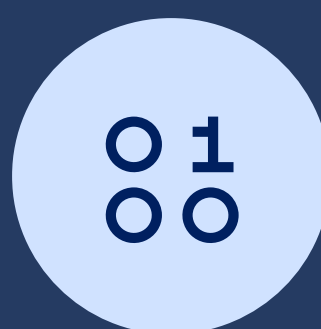
The Cimetricx® CIMPortal Plus software toolkit provides a **comprehensive high-performance** Equipment Data Acquisition (EDA) solution for equipment manufacturers who must respond to the most **demanding automation requirements** from the leading integrated circuit manufacturers.

Problem with Status Quo

EDA standards are a complex, moving target.
In-house software resources are better spent on equipment/process differentiation capabilities.

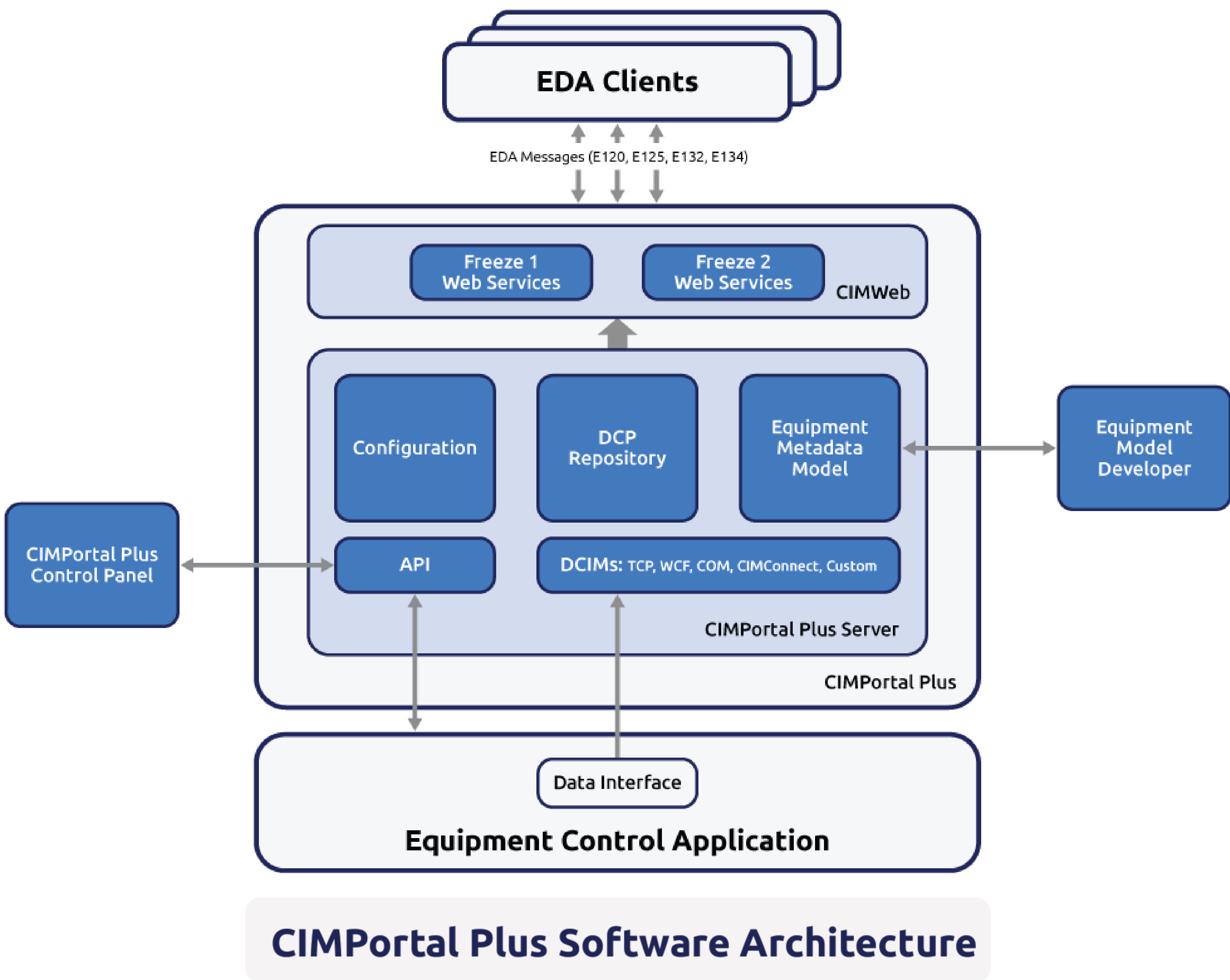
Lifecycle support costs are far lower for a standard software product than for custom supplier-specific solutions.

Solution Highlights

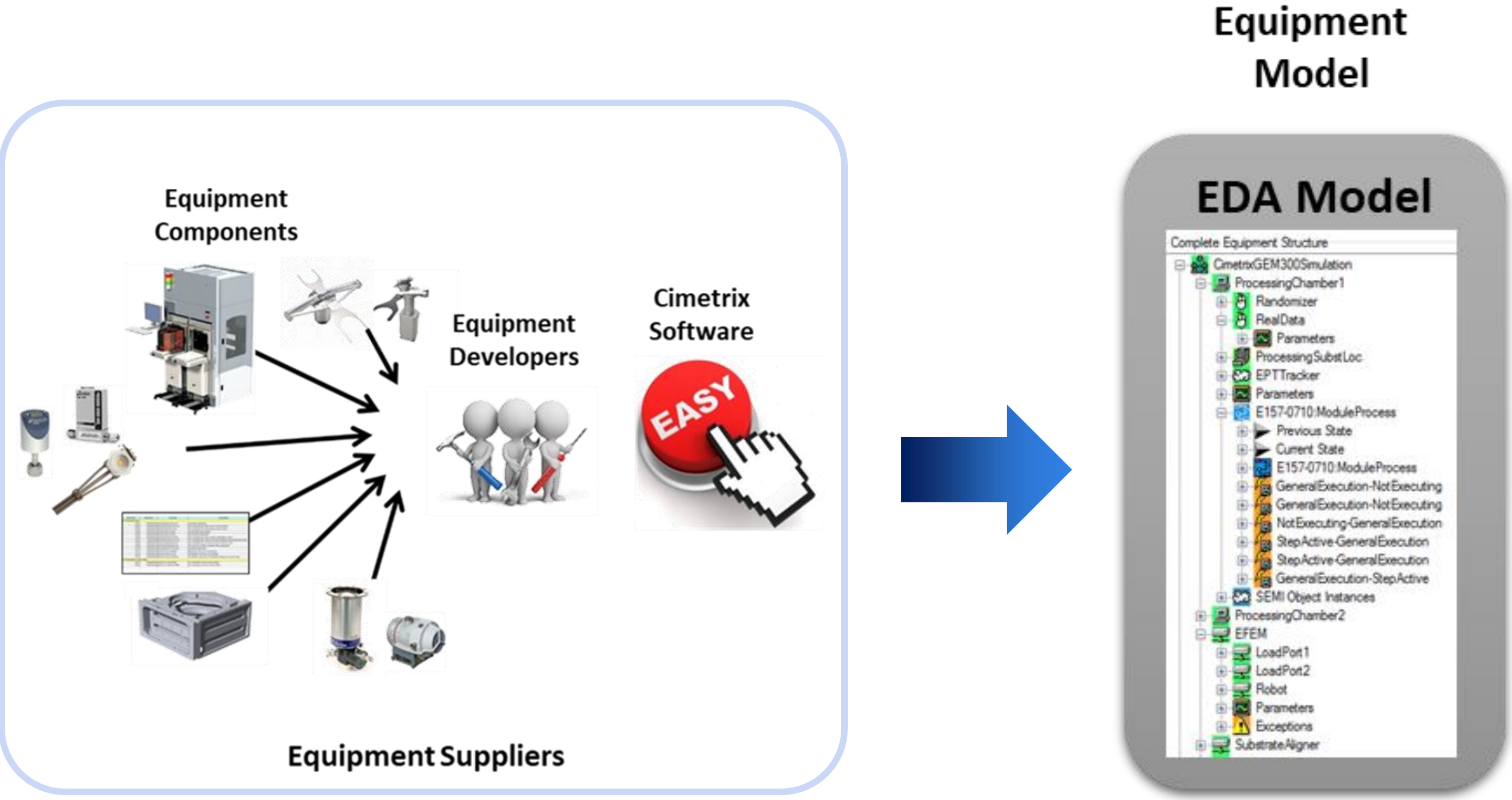
-  **Mature, robust product**, always up to date with SEMI standards
-  **Flexible data collection architecture**
-  **SEMI E164-compliant** equipment model templates/wizards

Key Capabilities

-  **Multiple Data Sources**
Flexible data collection from multiple equipment sources
-  **Freeze Version Compatibility**
Supports one or both Freeze versions per equipment model
-  **Automated Model Deployment**
Automate model creation and deployment across equipment types
-  **ECCE Plus Manual Test Tool**
Industry-standard software for manual test development



Use Cases



Equipment Model Development

E164-compliant models can be created **manually** with the model developer wizard or **programmatically** from a software application. The latter is essential for large OEMs.



Challenge

Creating and managing **equipment metadata models** for multiple equipment configurations and types.



Result

Equipment component libraries and programmatic model management tools significantly lower life cycle support costs.



ECCE Plus

EDA reference client software with easy-to-use graphical user interface for verifying messages, unit testing, and other functions. Included with CIMPortal Plus SDK.



EDATester

Software product that performs standards compliance and interface performance testing prior to equipment shipment *and* during factory acceptance.

Complete EDA/Interface A Connectivity Solution Set

Cimatrix® has actively participated in the SEMI EDA standards development process since the beginning. As a result, the CIMPortal Plus product embodies **over 20 years of industry EDA leadership** and is used by **8 of the top 10** global semiconductor manufacturing **equipment suppliers**.

It is part of the complete Cimatrix EDA/Interface A product suite that supports **both the equipment-side and factory-side** implementations of the SEMI EDA standards.

80%

of top 10 OEMs use CIMPortal Plus

50%

reduction in development cost/time

100%

compliance to industry standards

SEMI Standards Supported



- E120** – Common Equipment Model
- E125** – Equipment Self-Description
- E132** – Authentication and Authorization
- E134** – Data Collection Management
- E164** – EDA Common Metadata

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