



CenterPoint Announces EDFactoryController and portA Software Applications for SEMI EDA Interface Suite (a.k.a Interface A) availability as an Addition to CenterPoint Product Family

CenterPoint, GmbH, a leading provider of factory automation software and solutions for the global semiconductor industry, has announced that **EDA factoryController** and **portA** software applications for the new Semiconductor Equipment and Materials International (SEMI) EDA standards suite, have been released as part of CenterPoint's product family.

[EDFactoryController](#), CenterPoint **factory-wide EDA client**, enables easy management of all available factory tools equipped with an EDA interface and integrates them into any IC maker data processing and data distribution scenarios. The most important feature of these product is CenterPoint's own architecture that prevents the EDA client becoming a bottleneck in the handling of data gathered from the equipment.

CenterPoint's EDA client has an open architecture in order to be integrated into the existing landscape of applications consuming equipment data (e.g. MES, APC, FDC, OEE etc.). EDFactoryController provides excellent features to improve management and integration of all those applications used for factory automation. In accordance with interface A concept and specifications, [CenterPoint | portA](#) enables automated remote access to equipment and process data based on web-service technologies.

In contrast to SECSII/GEM the EDA interface standards suite enable many- to-many relationships between equipment and any kind of client software. Even access to the equipment by multiple simultaneous users is supported by a specific session management and role-base permission concept.

CenterPoint | portA supports additional diagnostic capabilities including web-based performance tracking and filtered log-tracing. It is easy to be integrated via a bridge which is an application programming interface (API) that connects to the existing automation software. CenterPoint | portA can easily be installed **without any need for additional third-party software** such as internet servers or virtual machines. This results in a very low resource consumption (low memory foot print, low hard disk requirements) which is essential in an already approved equipment automation environment.



CenterPoint | portA is available for Microsoft Windows and Unix platforms (Linux, Sun Solaris). CenterPoint | EDAfactoryController is the perfect solution with optimal flexibility to acquire data from EDA in a fab-wide architecture and to distribute equipment data to the fab existing applications. In a fab-wide environment, CenterPoint | EDAfactoryController can be used in conjunction with CenterPoint | APC\Platform as a fab-wide factory solution.

The EDA standards suite (a.k.a. Interface A) definition is based on the following **SEMI standard publications**.

Concept Standards:

- SEMI E120-1104 - Common Equipment Model (CEM)
- SEMI E125-1105 - Equipment Self Description (EqSD)
- SEMI E132-1105 - Client Authentication and Authorization
- SEMI E134-1105 - Data Collection Management (DCM)
- SEMI E138-0305 - Common Components

Protocol Specifications:

E120.1-1104, E125.1-1105, E132.1-1105, E134.1-1105

Schemas:

E120.1-1104, E125.1-0305, E132.1-0305, E134.1-1105, E138.1-0305

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About CenterPoint

CenterPoint is the provider of comprehensive software solutions for agile manufacturing - from data acquisition right through to the enhancement of entire manufacturing processes. Key to the success of the CenterPoint solutions is the incorporation of cutting-edge methodologies in data mining and knowledge management.

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