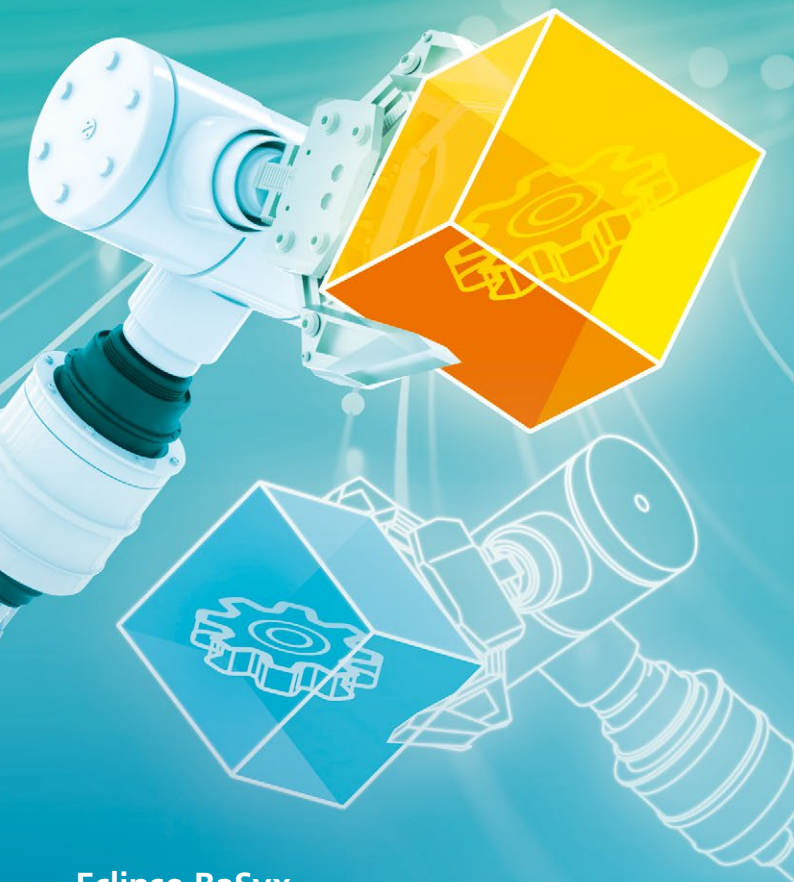




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Eclipse BaSyx

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Eclipse BaSyx is the open-source platform for the digitalization of factories and realizes a crucial component – the Asset Administration Shell (AAS).

Eclipse BaSyx – Benefits, Ecosystem, and Key Features

With Eclipse BaSyx, the costs of integrating new equipment and applications can be reduced. Each area, such as maintenance or monitoring of ongoing production, can connect itself via standardized interfaces. By creating transparency on the shop floor, Eclipse BaSyx can uncover the cause of high costs in production. This reveals optimization potential and costs can be saved. In addition, Eclipse BaSyx can make the introduction of new products more cost-effective with the implementation of service-based production.

The open-source platform is already being used productively by many users such as SICK AG, for example in the mission-critical area. Thanks to the extensive BaSyx ecosystem, many partners are available for conceptual consulting, infrastructure equipment, integration, and additional tooling.

The AAS concept ensures consistent communication and standardized interfaces between production assets. Eclipse BaSyx is the first platform that enables digitalization of factories with AASs. The key features of Eclipse BaSyx are the bidirectional integration of machines and sensors using the BaSyx Data-Bridge and the integration of systems of records such as PLM, ERP, or other inventory systems.

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