

SIPLACE OIB

Operations Information Broker
the common SIPLACE software interface



SIPLACE OIB

When one drives towards manufacturing excellence, it becomes quickly obvious that it requires connecting the shop floor with the top floor. This requires integration of different software solutions. However, integrating different software solutions from different vendors and maintaining them over time has always been a challenge; technically and financially. Not anymore. With SIPLACE OIB, the new integration platform, Siemens is setting once again the standard in the industry.

SIPLACE OIB will lower software integration costs while achieving higher customer satisfaction.

Main benefits are:

- Reusability of functionality and business logic
- Ensures best quality and performance of combined third party applications and SIPLACE applications
- Integration through public interfaces and collaboration
- Ensures smooth integration with third party solution regardless of technology – interoperability
- Ensures smooth integration with customer workflows
- Ensures great service due to clearly defined interfaces and responsibilities
- Versioning to keep published interfaces stable
- Ensures running solutions after upgrades
- Minimizes risks and down-time for upgrades

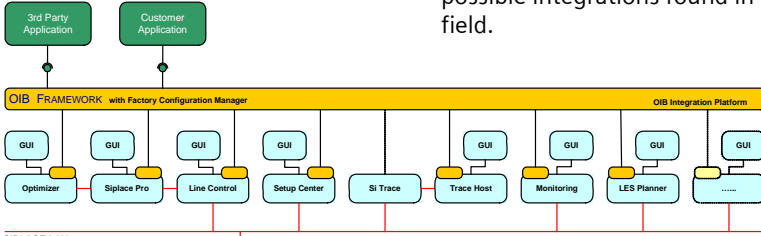
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SIPLACE OIB

The Vision

Make SIPLACE the preferred solution for our customers and have SIPLACE solutions integrated seamlessly into the customers' preferred software solution and workflows by still

- Ensuring maximum quality
- Ensuring maximum performance



- Ensuring smooth rollout of solution
- Ensuring upgradeability with minimum interruptions
- Ensuring great service

The Challenge

It has been proven many times that the SIPLACE team has the best knowledge on SIPLACE machines and offers the best software solutions on a SIPLACE machine and line level.

However, manufacturers still need higher level software solutions to run their factories. The challenge is on how to utilize the knowledge and capabilities of the SIPLACE solutions while running the higher level software.

Secondly, upgrading software versions was always risky. Often the combined solution of software products from different vendors didn't work anymore, as some interfaces have changed.

Thirdly, the service of integrated solutions is challenging, as service engineers cannot be trained on all possible integrations found in the field.

The Solution

SIPLACE OIB is the integration platform that solves all of the above mentioned challenges. Its design and support makes it a professional package to ensure a smooth integration.

The three main components to achieve this are:

Reusability of functionality and business logic

- Makes functionality and business logic available for others to ensure SIPLACE quality and performance

- Allows dynamic access to data and functionality
- No Siemens GUI is required to run the system

Integration through public interfaces and collaboration (Training, Qualification and Support)

- One standardized interface technology used for entire SIPLACE portfolio
- OIB Developer Qualification Workshop and support available to ensure smooth integration with SIPLACE solutions
- Clear interfaces to ensure great support

Versioning - Keep interfaces stable while allowing innovation

- Keep the interfaces stable
- Add interfaces to continue with innovation
- Make timely independent upgrades of connected modules

OIB will help to lower integration and operations cost while achieving higher satisfaction

Benefits for SIPLACE Users	Benefits for Third Party Software Provider
Integration	
<ul style="list-style-type: none"> Faster ramp-up of solution Better quality of integration Customer workflows does not require switching of solution 	<ul style="list-style-type: none"> No reverse engineering Professional support through training and consultancy Reduced integration and testing effort
Reusability	
<ul style="list-style-type: none"> Use factory solution without compromising quality and performance on line level Fallback plan (in some cases if GUI available) to get line solution running should factory level fail 	<ul style="list-style-type: none"> Achieve uninterrupted quality and performance with combined software solution Reduced costs of development and maintenance
Versioning	
<ul style="list-style-type: none"> Minimize negative impact of upgrades No coordination required for upgrades between Siemens and Third Party software provider 	<ul style="list-style-type: none"> No maintenance required for keeping existing solution integrated in SIPLACE solution Upgrade to next version does not have to be timed with Siemens

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