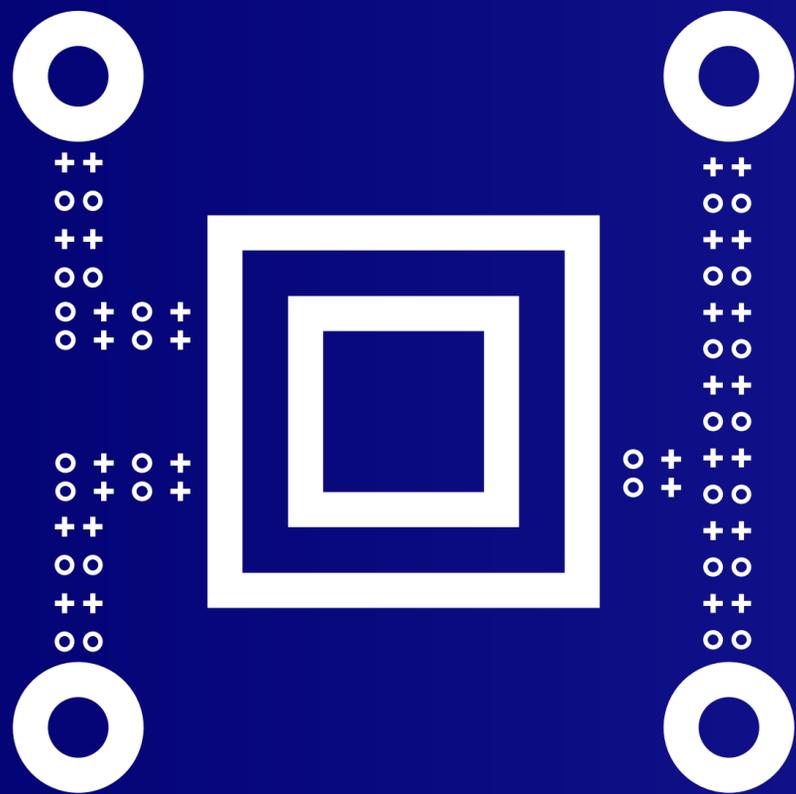# Semiconductor
Global Ops

Solution overview

OptimalPlus Global Ops is a true industry breakthrough – the first comprehensive solution to provide an integrated view into your semiconductor products and your global manufacturing operations and processes.

Designed for fabless companies and IDMs, it's the industry's most powerful and flexible solution, delivering real-time product analytics for improved decision-making and better overall results throughout every phase of semiconductor manufacturing.
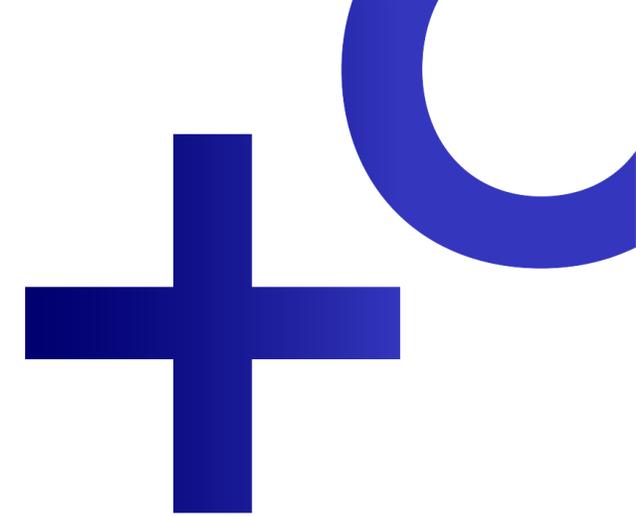
- Provides immediate and tangible improvements in reliability, quality, yield and efficiency.

- Combines feature-rich solutions with a state-of-the art, cost-effective, open platform.

- Works in conjunction with all OptimalPlus solutions, including Escape Prevention, Outlier Detection, Test Floor Ops, TTR and Characterization.

OPTIMAL+

Lifecycle analytics you can trust

Solution highlights

- Collects and harmonizes all of your manufacturing, inspection, assembly, test, in-use and RMA data.

- Enables seamless visibility across product teams and their global supply chain.

- Identifies and responds to issues automatically in real-time before they become costly.

- Delivers a platform for analytics, AI and machine learning across all internal and external manufacturing operations.

How it works

Analyze data

Leverage AI, machine learning and advanced analytics to gain insights from product data collected and harmonized from across your global supply chain.

Create rules

For every facet of manufacturing, establish operational rules pertaining to every facet of manufacturing that can catch problems as they occur and act on them automatically.
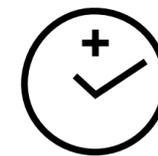
Simulate scenarios

Create your own innovative solutions and validate them by quickly and easily simulating them on historical data.
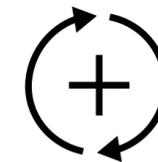
Publish to supply chain

Deploy rules and machine learning models across the supply chain at the click of a button, secure in the knowledge that the underlying infrastructure is already in place.

Act on time

Prevent costly issues with a range of automated actions such as re-binning parts, placing material on hold and pausing equipment, all fully integrated with your suppliers' systems.

Stay in control

Benefit from a range of automatic monitors that ensure the health of deployed rules and models and keep them fresh and accurate.