

# Frontline Product Overview

Smart solutions for the smart factory



QUALITY



TRACEABILITY



CONNECTIVITY



SECURITY



AUTOMATION



COMPLEXITY

## Frontline InStack®Design

### Advanced stackup collaboration solution

- Plan, build and verify your stackup
- Perform constraints- and rules-driven stackup design
- Modify designs to support multiple fabs and board prototyping
- Get an accurate, manufacturable PCB model in minutes

DESIGN

## Frontline InSight PCB®

### Fast and accurate web-based pre-CAM solution

- Automatic pre-CAM for sales and engineering
- Work online from anywhere
- Reduce the load on CAM operators
- View customer data; edit and share reports

SALES

## Frontline InFlow™

### Automatic engineering system

- An all-in-one PCB engineering automation system for the entire engineering workflow
- Accelerate time to market by up to 60%
- Increase productivity with automatic outputs: BOM, traveler, CAM instructions, control table, technical queries, custom engineering reports
- Standardize workflows and outputs regardless of engineer experience

ENGINEERING

## Frontline InCAM®Pro

### Advanced CAM system

- The fastest Frontline CAM for MLB and all job types, enabling more complex jobs in less time
- Accelerate time to market through efficient data handling and simultaneous processes
- Intuitive user interface, responsive to evolving needs, ready for emerging technologies
- Dedicated flex and rigid-flex solutions

CAM

## Frontline InShop®

### Master your data

- Transform shop floor machine data into actionable insights
- Automatic data collection and advanced data analytics
- Increase yield, speed up new product introduction and improve process stabilization
- A solution for the entire shop floor: AOI/VRS, Patterning DI, Electric Testing, Drill and Rout, Factory Level

SHOP FLOOR

## Frontline Professional Services

- A range of services that help you maximize your resources and increase efficiency
- Fast-track complex installations and implementations
- Customized employee training and performance audits
- Automation, integration and preventive maintenance services

## Frontline Cloud Services

- Accelerate DFMs and analysis to meet growing productivity demand
- Save on IT costs via scalable computation resources and monitored usage reports
- Access consistently reliable, available and up-to-date services and tools
- Complies with the highest cloud security standards in the industry

CLOUD

