

Engineering

Information transfer to an upper system

FSF F -1 FSF F -2 FSF F -3

Interface for linking with upper systems.

Logistics

Pick the right amount of the right material, at the right time

FSF E -1

Automatically check out materials at the right amount and at the right time using automated warehouses.

Automatic setup

FSF E -2 FSF E -3 FSF E -4

Solutions for automating setup work for materials such as part reels.

Automatic changeover for the entire line

FSF A -1 FSF A -2

Perform automatic line changeover for the entire line by reading kanban or panel IDs.

Process

Print inspection result feedback

FSF D -1 FSF D -4

Feedback from SPI inspection results is sent back to the printer to maintain stable printing.

Optical inspection result feedback

FSF D -2

Feedback from AOI inspection results is sent back to the mounters to maintain stable placement.

Board skip feed forward

FSF D -3

Board skips are performed at the mounters based on the SPI inspection results.

Remote operation

FSF C -1

Resume production and recover from error stops in centrally managed areas.

Automatic maintenance and management

FSF E -5 FSF E -6 FSF E -7

Solutions for managing maintenance and automating the maintenance work for nozzles, feeders, and heads.

Analytics

Monitor the floor status in real time

FSF B -1

Multiple SMT lines can be monitored collectively, also detailed statuses of each line and machine can be checked.

Line status realtime monitoring

FSF B -2

Display the status of each SMT line and provide guidance for countermeasures when problems occur.

Countermeasure support

FSF B -3

Display information of printers, mounters, and inspection machines in a unified manner to support analysis and improvements.

Remote monitoring

FSF B -4

Check the statuses of SMT factories and lines even when off site.

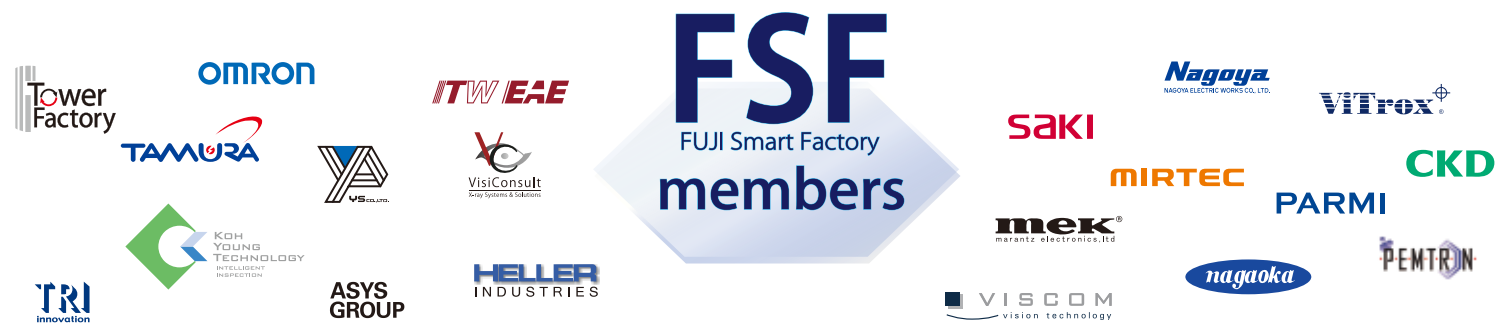
Traceability for the entire line

FSF H -1

Collect and manage traceability data for entire SMT lines.

Paving the way to a new manufacturing era

FUJI Smart Factory with Nexim



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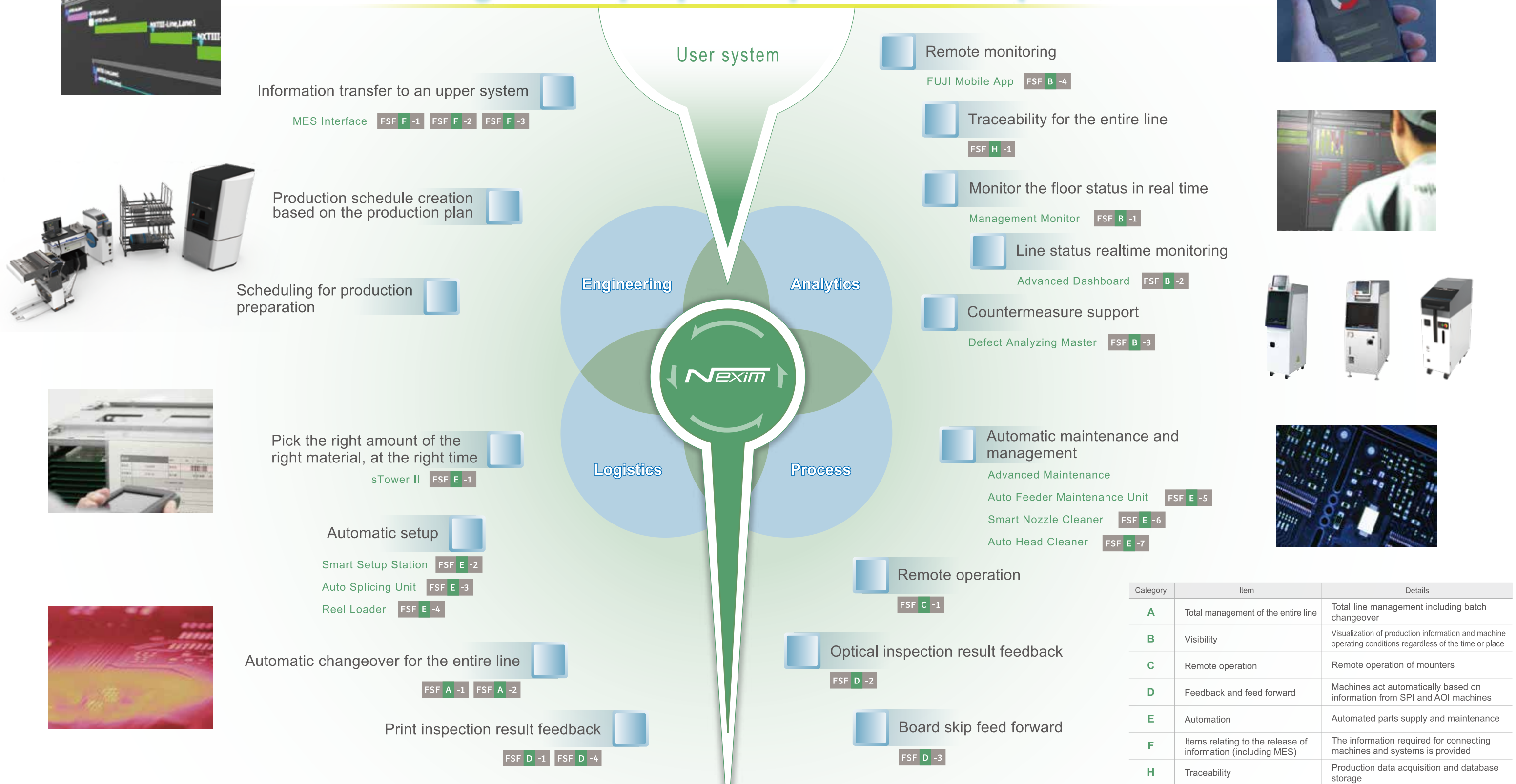
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Get optimum production through well-prepared production cycles



Category	Item	Details
A	Total management of the entire line	Total line management including batch changeover
B	Visibility	Visualization of production information and machine operating conditions regardless of the time or place
C	Remote operation	Remote operation of mounters
D	Feedback and feed forward	Machines act automatically based on information from SPI and AOI machines
E	Automation	Automated parts supply and maintenance
F	Items relating to the release of information (including MES)	The information required for connecting machines and systems is provided
H	Traceability	Production data acquisition and database storage

