IS raises production preparation, scheduling, quality and monitoring to a new level by bringing together several related functions into one comprehensive software package. IS gives managers, supervisors, and engineers the tools they need to run the most efficient production possible, thus reducing cost and improving productivity.

Various tools allow workers at different levels to perform the tasks they need within a single software package.
Intelli Shopfloor Solutions

System overview
IS is comprised of five software functions within a single application. A client-server architecture connects the IS server to clients throughout the factory via Ethernet for factory wide control.

Intelli PE
- Create production programs
- CAD conversion (optional)
- Program Editor

Intelli PD
- Download production programs to multiple lines
- Line monitoring
- On-demand production (optional)

Intelli PM
- Improve the operating rate of the entire floor
- Factory status display
- Performance calculation

Intelli SCS
- Parts verification
- Component inventory control
- Verified off-line setup (optional)
- Traceability (optional)
- Component banner (optional)

Intelli EM
- Management of feeder maintenance history etc.

Easy operation
- Top 100 machines can be managed (up to 100 machines per line)
- User interface
- Graphical operation screen that can be customized for each user
- Real-time language switching
- Wireless operation can be switched to English, Japanese, or Chinese from any screen.

Flexline CAD
- Data conversion system to convert data files generated by CAD systems or output from other machines to JION data format. Users can choose from predefined input formats or define and save custom conversion formats.

On-demand production
- Production line is automatically charged between jobs by reading a barcode on the PCB prior to starting production. Production files are optimized into a single feeder setup. (All PCBs are identical.)

Performance calculation
- Production data can be monitored from any client PC. Production data can be identified and saved quickly.

Floor productivity improvement support system

Consolidated management
- Users can be given operation privileges that are specified for each server setup.

Security
- User registration allows operation privileges to be specified for each server setup.

Vesatile data format
- The data is stored in an open JION format for easy editing. Data can be transferred easily to other applications.