

# Factory Integration Software

Reduce Cost & Risk with  
Factory Integration Software

*Manage and monitor your programming process*



## Reduce Operator Errors

- ✓ Automate job selection & download
- ✓ Reduce scrap
- ✓ Minimizes rework

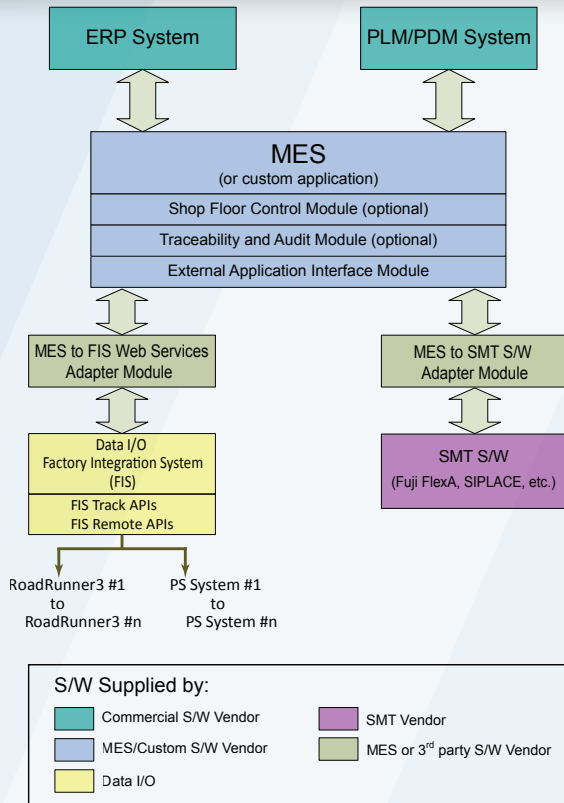
## Enable Data-driven Decision Making

- ✓ Ensures traceability
- ✓ Tracks yield to improve efficiency
- ✓ Sends programming results and process data records to MES/QMS factory software

## Improve Productivity

- ✓ Receive machine alerts by email or SMS for specific programming condition parameters

# Factory Integration Software



## Specifications

### Server PC for Data I/O FIS

- Minimum: Windows XP SP3 (32-bit only) or Windows 7 (32-bit or 64-bit)
- 1 GHz processor
- 1GB RAM
- 10 GB disk space

### Optional: Client PC (or use Server)

- same as Server

## Specifications

- C#
- VB.NET
- Java

## FIS Track

Data I/O software queues up to ten days of programming data, allowing your application to retrieve data as results become available or in batches to accommodate interfacing with factory software systems. The API uses a two step process: first retrieve the records (GetNextRecords) and processes them, then remove the records (RemoveRecords). The FIS API's are:

FIS Track API	RoadRunner3	PS388 & PSV7000 Systems
GetNextRecords	✓	✓
GetRecordCount	✓	✓
RemoveRecord	✓	✓

## FIS Remote

FIS Remote provides remote control of the RoadRunner3 including: download a job, delete jobs from the programmer, start, stop pause and resume a job, clear the conveyor belt, adjust the pass quantity on a running job, retrieve status (running, paused with info, Reject Bin missing, etc.) and query properties (completed devices, adapters, etc.). As noted below, Remote APIs are determined by the programming systems. API's include:

FIS Remote API	RoadRunner3	PSV7000 & PS388 Systems
AdjustPassQuantity	✓	
ClearBelt	✓	
DownloadJob	✓	
GetAllProperties	✓	
GetStatus	✓	✓
GetSystemInfo	✓	✓
PauseJob	✓	
ResumeJob	✓	
SetProperty	✓	
StartJob	✓	
StopJob	✓	
<b>FIS Hardware Features</b>		
Bar Code Scanner		✓

Information about API parameters and expected returns is documented in the FIS Developer's Guide, available with the FIS SDK

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