

Mitsubishi Electric

„Advanced Robots
- High Performance & Reliable
Solution for Automotive Industry”

Agenda

- Mitsubishi Electric B.V - Polish Branch
- Products Overview
- Robot Systemm
- Market Opportunities - Automotive
- Automotive References
- Application Sampels
- Service



Software
HMI
PLCs
Inverter Drives
Motion Controllers
Servos
Motor Starters
Switchgear
Robots
CNC
EDM
Laser Processing



Mitsubishi Industrial Robot

Introduction of Mitsubishi Industrial robots

① General-purpose compact, vertical robots

[RV-SD/SQ series] (1 to 18 kg)



④ Micro working robots

[RP series]



② General-purpose compact, horizontal robots

[RH-SDH/SQH series] (3 to 20 kg)



⑤ Palletizing robots



③ General-purpose clean robots [clean specifications of ① and ②]



⑥ Dedicated clean robots [for transfer of large LCDs]



Automotive Applications

- Assembling
- Soldering
- Quality check &
- Glueing
- Screwing
- Injection moulding
- Machining parts
- Laser cutting
- Laser welding



Automotive References



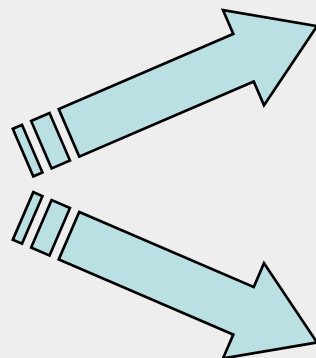
Controller as a key factor

SD / SQ series

RV-S series



**Controller
CRn-500 series**

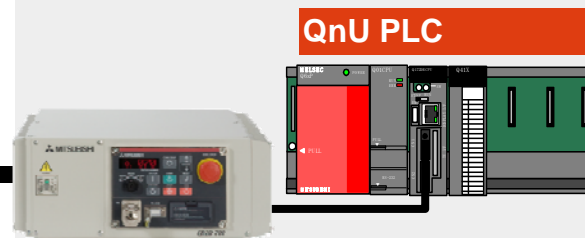


RV-SQ series



**Controller
CRnQ-700 series**

QnU PLC



RV-SD series

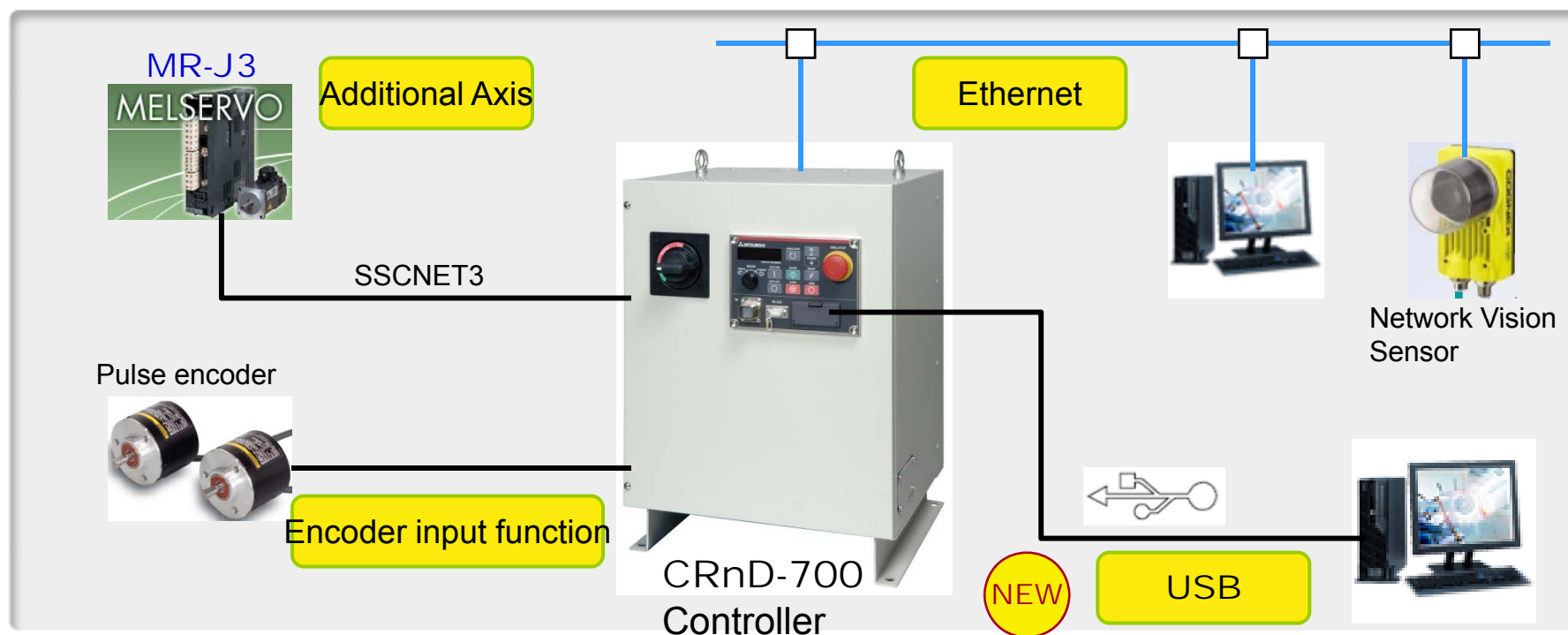


**Controller
CRnD-700 series**



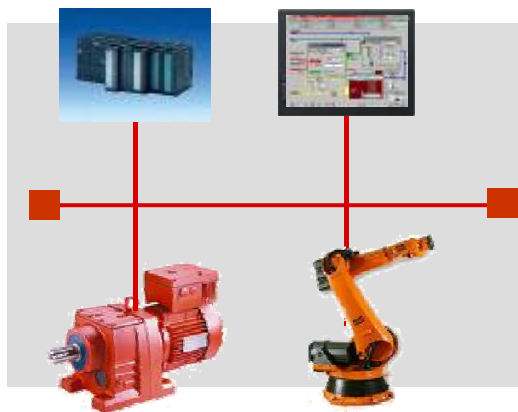


- Various Interface Standard installed



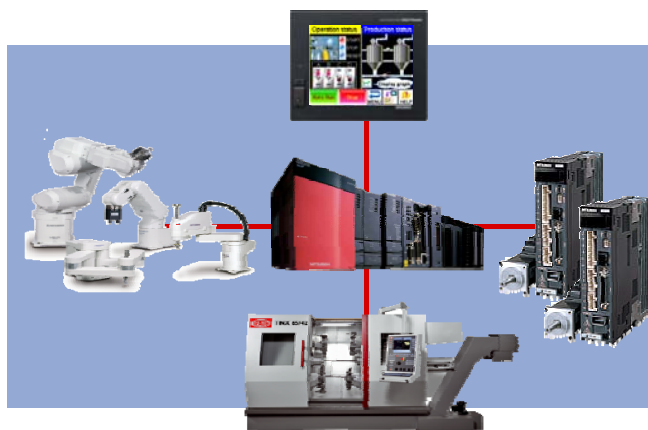
- Optional functions in conventional model are installed as standard function.
- Improve system extension ability and reduce system cost.

Fast data exchange



Competitor:

- network
- add software tools
- standard speed
- errors

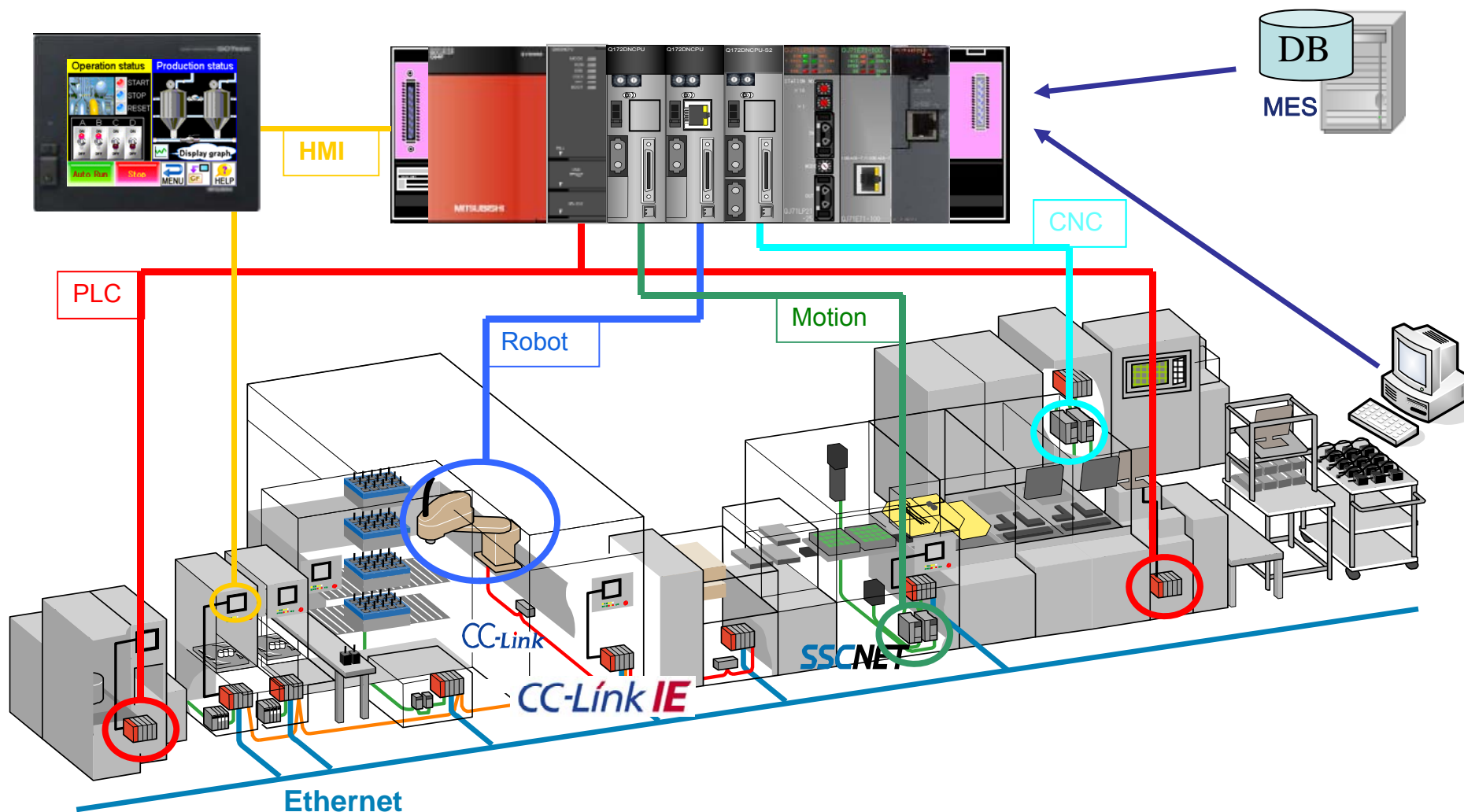


iQ

- Internal exchange
- high speed
- only configuration
- error minimalization
- MES solution !!!



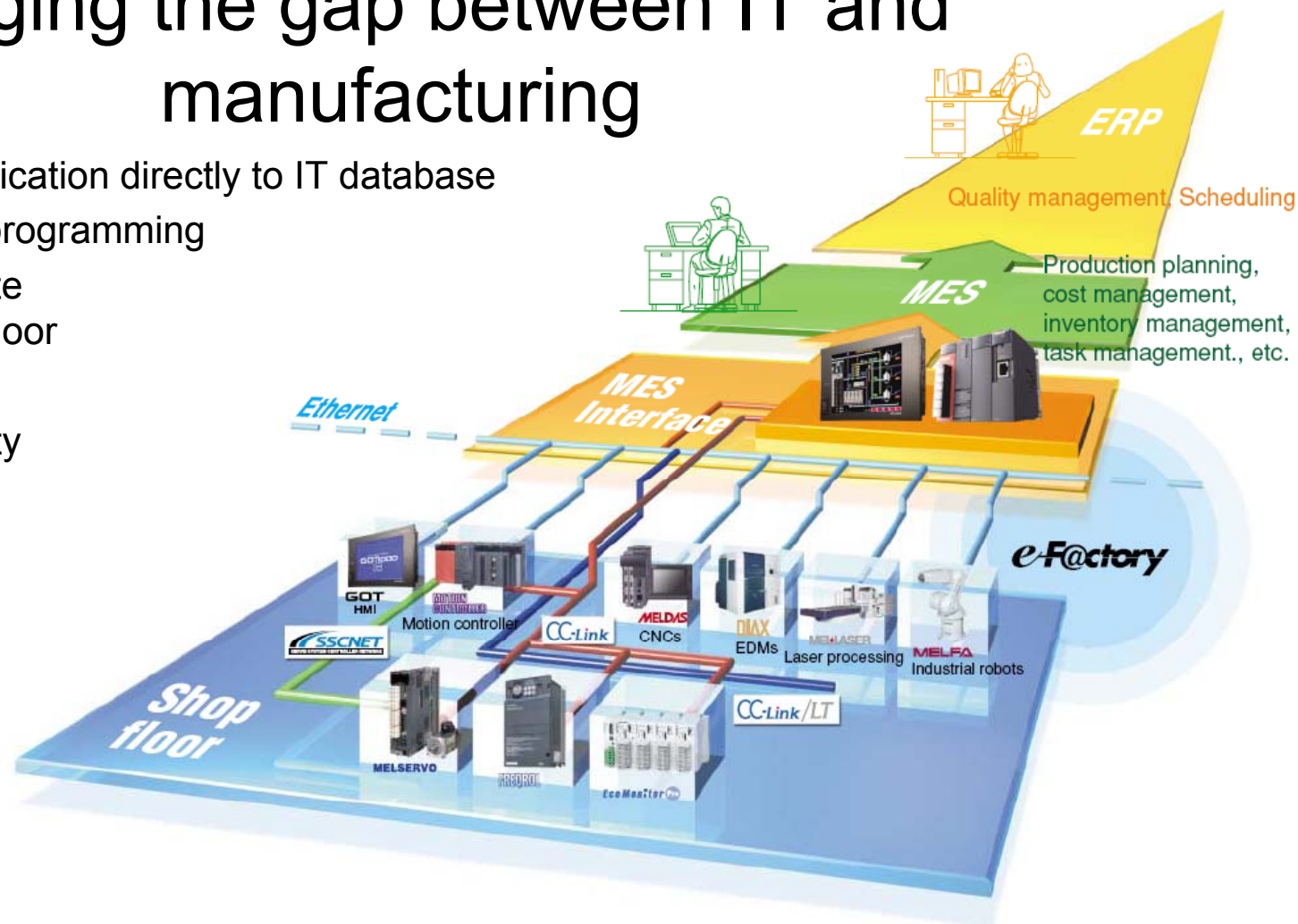
Integrated iQ platform



e-Factory

Bridging the gap between IT and manufacturing

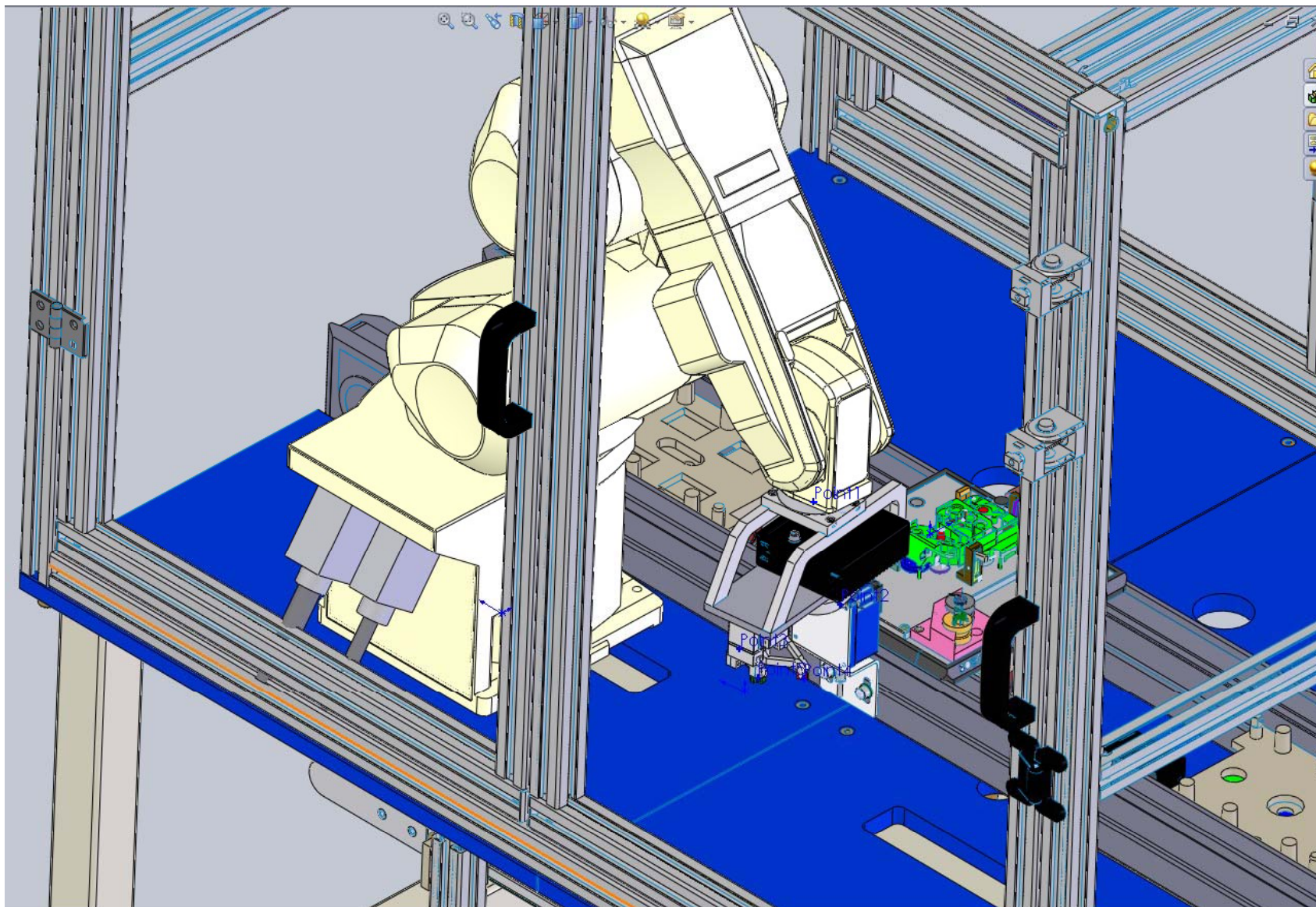
- Seamless communication directly to IT database
- No need for extra programming
- Bridging the intricate IT portion to shop floor
- Reducing TCO
- True factory visibility
- Total solution



Mitsubishi Robots Adv.

„Software”

MelfaWorks



Thank You for Attention