aspectPL

Digital transformation of the factory floor.

"If you want to grow, adopt this technology…"

David Tsui, Managing Director, Bonson

World-leading, manufacturing productivity software.

Easy, live scheduling and visibility on the manufacturing floor

- Drag and drop work orders into a system that creates a live schedule, physically linked to production machines.

- No more manual scheduling and data entry.

- See exactly how manufacturing machines are performing. No need to manually log machine progress.

Comprehensive Enterprise Resource Planning (ERP) integration

- AspectPL works with any existing ERP. Work orders are extracted from the ERP and dropped into AspectPL for production. Production data is automatically integrated back into the ERP.

- Licensed per machine, line or workstation – not per user, allowing unrestricted staff access to live production data.

Advanced traceability and quality management

- AspectPL provides a barcode system that makes the entire manufacturing process traceable – from manufacturing floor to warehouse and despatch.

- Quality issues are traced to the job, when it was produced and who packed it. Data is seamlessly integrated back into the ERP – no more manual data entry.

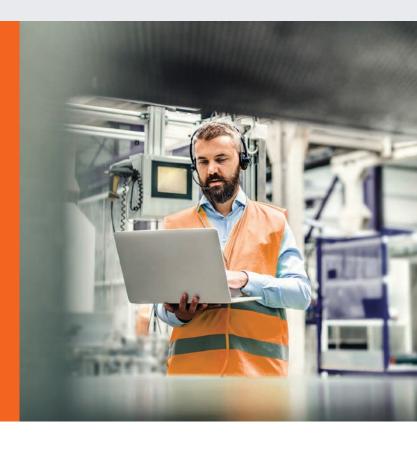**ROI is gained quickly through business efficiencies**

- AspectPL is affordable – just a one-off establishment cost and a monthly software license fee.

- Requires only one centralised PLC (not individual PLCs at every machine) enabling cost savings.

- This solution may be applied to almost any discrete manufacturing process.

- AspectPL data helps businesses improve efficiencies and reduce labour resources. Analysis provided promotes advanced lean manufacturing practices.

aspect
PRODUCTIVITY TECHNOLOGY

AspectPL bridges the data gap between manufacturing work orders, production, quality and despatch and integrates with any ERP system.

Digital transformation of the factory floor

Because AspectPL digitises the manufacturing floor it also mitigates the manual tasks that can hamstring a manufacturing team – like manual scheduling and physically checking job progress. With AspectPL the schedule is produced quickly and easily and as AspectPL runs in real time, the schedule & production data is always up to date. Users may view AspectPL via a wireless tablet, a smart phone or a PC, and access the system from anywhere, at any time.

Smart manufacturing

AspectPL can integrate with any existing ERP system. Production orders may be extracted from the ERP, dropped into AspectPL for production and at the end of the manufacturing process, production data can be automatically integrated back into the ERP.

Increase manufacturing efficiencies with data and analysis

Data delivers visibility – if you know what's happening on a manufacturing floor – you can improve it. Data analysis allows manufacturing and management staff to drill down on problem areas – such as product rejects, downtimes, die change problems and the utilisation of manufacturing machines.

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