

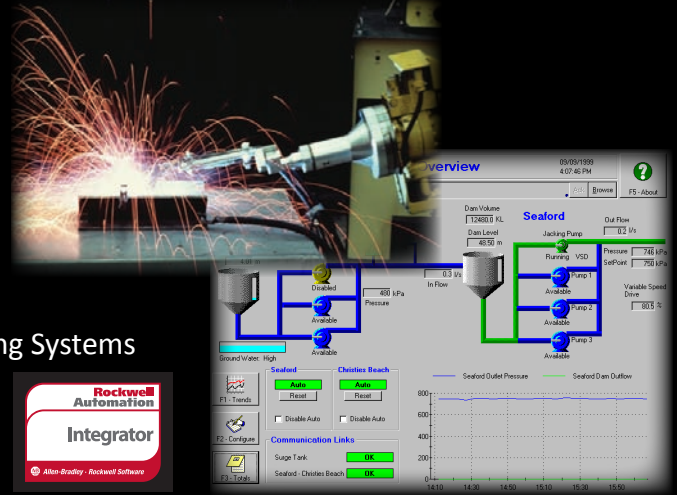
●●● | APC Integration

Process Automation & Motion Control
Steel Coil Processing
Rail & Bulk Logistics
Food Processing & Packaging
Theatre & Event Automation
Hand Held Barcode & RFID Scanners
High Speed Cameras



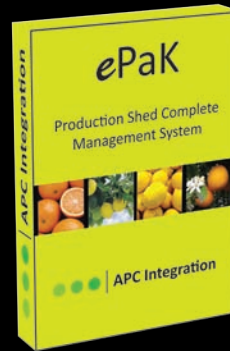
Process Automation & Motion Control

- Concept design
- Project management
- Enterprise wide production control / scheduling systems
- Instrumentation & control system design & programming
- SCADA system integration
- Telemetry
- Servo motor control systems and Integrated Manufacturing Systems
- Switchboard design and manufacture
- Rockwell (Allen Bradley) Systems Integrator



Specialist Software Solutions

- eTrak - Complete factory wide real-time, information management. The complete solution for any primary producer. Industry specialised versions for Fruit & Veg, Hay and Fish
- ePak - Automated product labelling
- PAM - Production Activity Monitoring & reporting
- MWM - Mobile Workforce Manager
 - Asset management
 - Quality Assurance
 - HACCP cleaning
- Applications in C/C++, C#, Visual Basic
- Written for Win CE, Linux, XP, Vista, Win 7



Rail and Bulk Logistics

- Automatic Equipment Identification (AEI)
- Consignment tracking, including container tracking
- Train speed and direction
- In-motion weighbridges
- Profile monitoring systems - Train height and width profiles
- Hand Held AEI reader with custom consist management software.



Building Automation, Energy Monitoring & Management

- Lighting and RGB lighting effects
- HVAC
- Single/Multi-room control
- Facade/Blind control
- Remote Maintenance
- Logging of energy data
- Operating and monitoring
- Reducing Energy Usage (Between 10% - 30% savings)

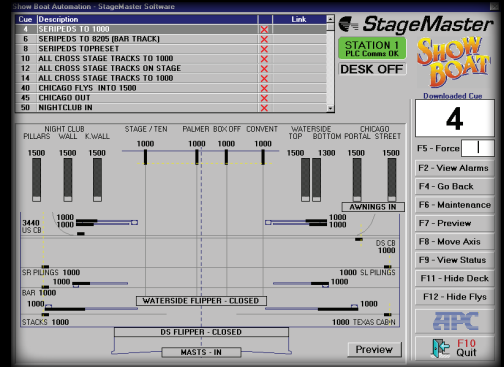


Theatre & Event Automation

- StageMaster
Stage show automation system

The following is a partial list of shows which have used the StageMaster system:

Jersey Boys, Wicked, Billy Elliot, Phantom of the Opera, We Will Rock You, Lion King, Mamma Mia!, Cats, Crown Casino Atrium Display
Sydney Olympics Opening Ceremony and many more.



Service

- 24 hour support contracts
- Preventative Maintenance
- Safety System Validation
- CNC Machinery Repairs and Upgrades
- Service Agents for:
 - Siemens
 - AddisonMcKee
 - Maxitec

Service Direct 08 8366 2333



NORDICID

Nordic ID is one of the leading manufacturers of mobile computers for mobile data collection.

Our mobile computers are used in retail, logistics, industry and services to collect barcode and RFID data.

In addition to their flexibility and reliability, customers appreciate that the devices are user-friendly and lightweight. Easy to handle, they offer various wireless transmission possibilities via WLAN, Bluetooth, GSM and GPRS.



MACS
MEASUREMENT & ANALYSIS CAMERA SYSTEMS

High Speed Cameras for rental or purchase ranging from 100 frames per second to 200 million fps.

In the Field:

- Weapons testing
- Sports training and analysis
- Crash analysis

In the Factory

- Reduce jams
- Speed up line setup and changeovers
- Lower scrap and rejected material costs
- Reduce downtime and maintenance expenses

In the Lab:

- New product design and development
- Human biomechanics research
- Flow visualization studies



Abridged Project List by Industry

Manufacturing

Aluminium Coil processing automation, safety systems and MES
Steel slit and shear line automation and upgrade
Steel coil cut to length line upgrade
Pharmaceutical manufacturing control systems
Boiler control & monitoring for timber manufacture
Glass manufacturing Lines, Tempering Furnace
Weapon testing ammunition Mixing Plant
Sheet metal coil processing lines
Sheet metal line automation
Stainless steel processing line control, shop floor scheduling and stock control
Paint line setup via barcode scanner/ hand held computer

Food Export Packing

Production monitoring system (ePaK)
Production monitoring, work in progress stock management
Packing shed production monitoring system
Cold Stores real time carton management system
Hay Bale information management system from contract to dispatch

Rail / Logistics

Automatic Equipment Identification (AEI) systems
Rail terminal electrical maintenance
Wool Bale sampling machine automation
Adelaide to Darwin railway out of gauge detection system

Water Industry

Water re-use / irrigation
Pilot plant project - Vision and Adam DAQ data logging system
Large scale power generation water demineralisation Plant
Large scale Water Treatment Plant automation
Waste Water Treatment Plant Board - Tigers SCADA system
Large scale Water Filtration Plant

Automotive

Banbury Rubber Mixing Mills
Blanking Line - Transfer Press; Oscillating Shear Press
Press Line - Cut to length press feeder
Car seat testing unit
Paint Line
Sintering Furnace - Shock Absorber Tester

Utilities

Pelican Point Power Station Demineralisation Plant Commissioning
Torrens Island Power Station Demineralisation Plant
Polisher Regeneration Plant and demineralisation plant
Power Plant Boiler Control
Water Polisher Regeneration Plant control
Coal truck tracking system

Theatre

Set automation for many musicals including The Lion King
Sydney Olympic Opening Ceremony flying system automation
Crown Casino Atrium flying system automation



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