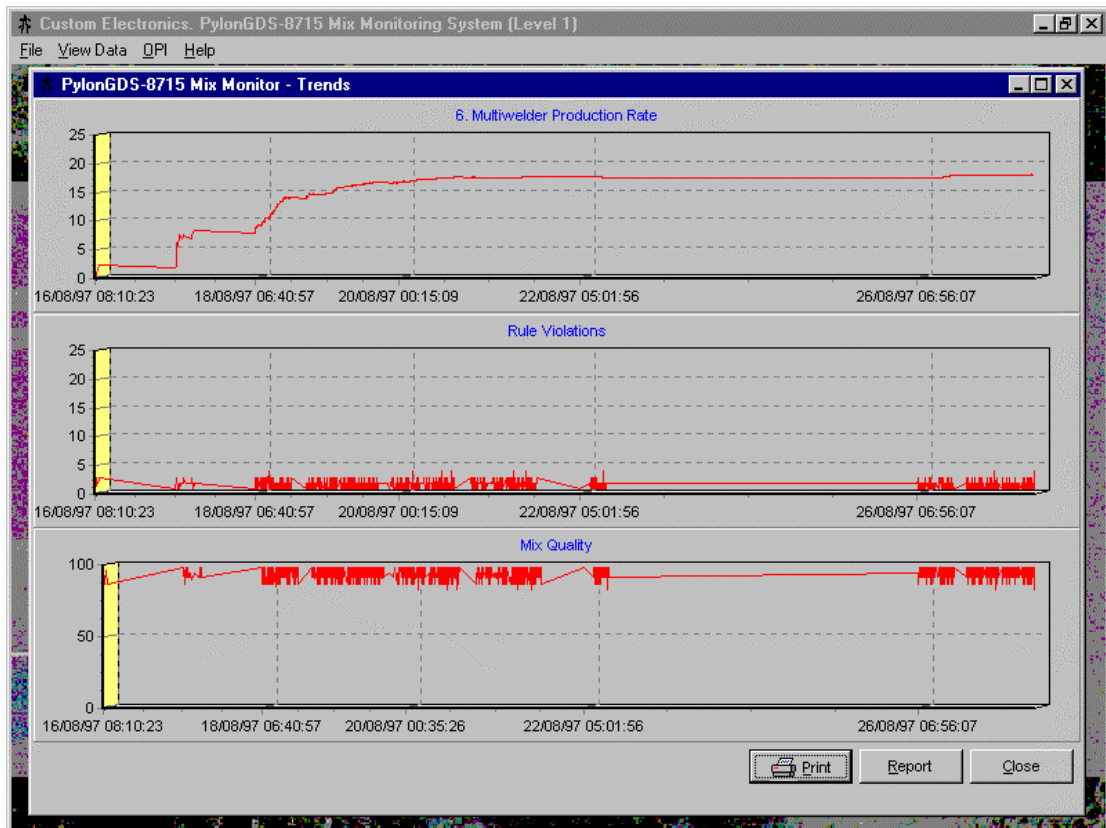# custom e
SOFTWARE SYSTEMS

PylonGDS-8715 Production Mix Monitoring and Reporting Software System

The Pylon GDS system is a general purpose, graphic display system for operator inter-action and control of intelligent plant equipment. The 8715 Mix Monitor variant has been configured for use as a rules based production monitoring and reporting system, to fully automate the production mix analysis from a central location.

Features:
- Industry standard IBM PC compatible
- Multi platform Windows GUI
- User configurable
- Full on-line attribute, group and rule tables
- Complete continuous production monitoring
- Comprehensive summary and detail reporting
- Weighted assessment of production performance

Modern flexible manufacturing methods which enable production plant to '**build to order**' often bring their own set of problems to production management seeking to continuously monitor plant efficiency.

How do you asses comparative production output when the 'difficulty' of manufacture varies from shift to shift, hour to hour or even job to job, making 'counts' of production volume meaningless ?

The answer is to use a PylonGDS Mix Monitoring system which can consistently report on your production mix 'quality' allowing you to make informed judgements.

Description:
The PylonGDS software is connected to the production plant via standard PC serial communication channels, which operate high speed streaming protocols to ensure the fast secure acquisition of real-time production data.

Production data is continuously logged into the Pylon database for analysis at any time by the Mix Reporting system.

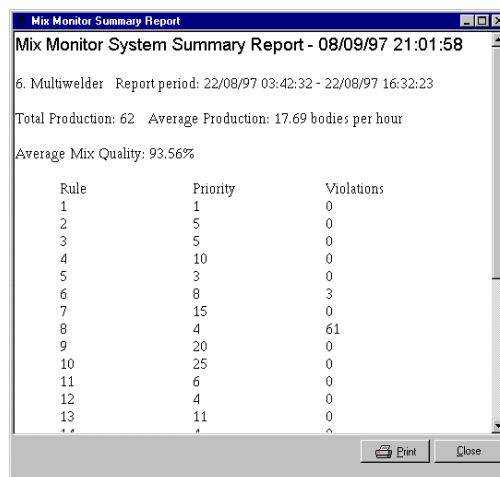# PylonGDS-8715 Production Mix Monitoring and Reporting Software System

Typically the recorded data containing bar-coded broadcasts from various plant locations. The Pylon system records the production attributes of each job completed and feeds these into a comprehensive reporting system. User configurable product groups are built up from these attributes and rules are defined using these with configurable priorities to match the plant capability for optimum flow.

The user can select any pre-recorded production period for analysis and the system will analyse the recorded data against the defined rules. Trends are produced showing Production Rate, Rule Violations and Production Mix Quality which easily highlight production difficulties and allow the user to Zoom into trouble-spots and obtain a detailed report.

The rules based system allows managers from different plant areas to construct their own set of rules for analysis for different purposes, in particular the priority 'weighting' facility allows specific importance to be placed on varying production methods.

The PylonGDS database is compatible with most popular industry standard PC software applications and the report output can be used by other reporting systems if required.

Context sensitive on-line help is available throughout the operators use of the package, which includes full documentation on how to use the package and control all aspects of its operation. A demo install facility and guided tour are available for evaluation purposes.
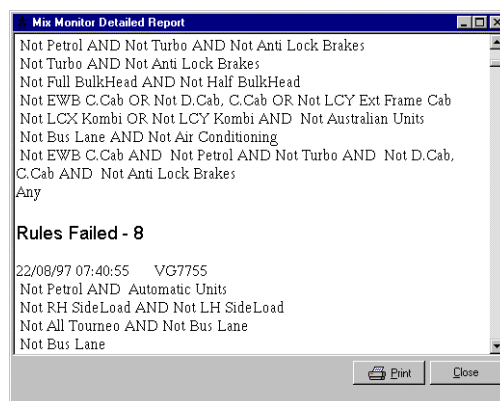

	Ordering Information
PylonGDS-MixMonitor	Part No: 8715

Note: Product revisions may vary from the details given here

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