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OrionNET v1.6 Features

OrionNET v1.6 incorporates the following major features:

- 1) Monitors forces, fatigue, and limits in real time when used in conjunction with Cerberus™ v. 9.x
- 2) Allows remote Internet viewing (requires Internet connectivity)
- 3) Imports Orion 8.0 databases and configurations
- 4) Imports / exports OrionNET configurations
- 5) Optionally appends newly acquired data to an existing OrionNET database
- 6) Imports EMU files
- 7) Provides capability for derived-channel definitions to be calculated based on other input channels
- 8) Provides ability to set analog or digital channels during acquisition
- 9) Allows simple in-job calibration
- 10) Using the standard OrionNET installation, acquires data from the following data-source types:
 - a. Direct V2 controller (Orion III)
 - b. Orion Ultimate I/O controller (Orion IV)
 - c. CTES Orion Network
 - d. ASCII via Serial
 - e. Derived Channels
 - f. OPC
 - g. WITS Level 0
- 11) Acknowledges alarms and warnings, and includes alarm and event log
- 12) Dynamically applies configuration changes – no need to restart Acquisition
- 13) Reporting capabilities enhanced:
 - a. Factors may be applied to an entire database file to adjust sensor data
 - b. Data may be trimmed from the beginning or the end of a database
 - c. Job data may be exported from post-job report to other applications

NOTE: New Reporting features are applied to a copy of the original data, leaving the original database intact.

- 14) Supports duplicate channel names across data-engine sources in a single configuration
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- 15) Provides user-defined displays with many customizable controls (horizontal charts, digital display, analog gauge, warning-state display, well schematic, well survey, and many more), as well as:
 - a. Copy/paste a selected control using menu-bar functionalities or CTRL-C / CTRL-V
 - b. "Snap to" grid functionality
- 16) Includes support for multiple monitors
- 17) Provides Chinese and Russian language support
- 18) Includes Emergency Stop System support