

P-DAQ VERSION 6 UPDATE

This update assumes that you are upgrading to P-DAQ Version 6, upgrading your press PC, and you are using the same DAQ card.

Version 6 has been updated to run using the latest versions of Microsoft Windows, Visual Basic, SQL Server and Crystal Reports.

Following is a partial list of the enhancements made in this version.

P-DAQ Press Module

- Ability to define operation codes and downtime codes by press.
- Ability to categorize downtime codes by Man, Machine, Material or External reasons.
- New Diagnostic monitor for troubleshooting system problems.
- Enhanced pallet adjustment screen to add, delete or move signatures.
- Labor and pallet support for “Ganged” jobs.
- Automatic software update eliminates need to run “SysUpd” at each press.

Management Reporting Module

- Re-designed to eliminate the need for Crystal Reports. Provides greatly improved processing speeds.
- Re-designed user interface (similar to Microsoft WORD) provides ability to open multiple reports at the same time.
- Many of the older reports have been re-written to take advantage of the new speed improvements and user interface. Remaining reports are being re-written as well.
- Addition of several powerful new reports.

Status Module

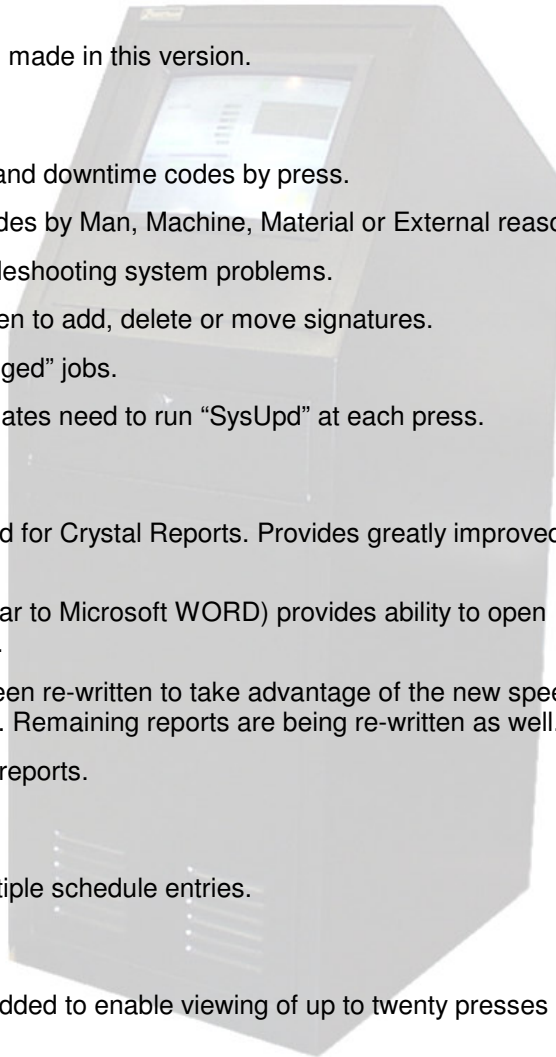
- Ability to highlight and delete multiple schedule entries.

Status Module

- A new summary view has been added to enable viewing of up to twenty presses simultaneously.

Client Module

- Automatic software update eliminates need to run “SysUpd”.



INSTALLATION PROCEDURES

Pre-Installation

- Copy the directories from the CD to the “PDAQ\Install” directory on the P-DAQ server.
- Install and configure the software and drivers for the SIIG Serial port card, Printer, Touch screen monitor, UPS battery backup system and the DAQ card in the NEW Press Computer, before bringing it out to the Press.

Press Module Installation (Should be completed in-between forms)

- **IMPORTANT!!!** From the OLD Press Computer, make a note of the last pallet number used (B#####). You will need this number when you execute P-DAQ for the first time on the NEW computer. (From the PDAQ main screen, View - Pallet Maintenance).
- From the OLD Press Computer, terminate “P-DAQ” and “DataSync.
- From the OLD Press Computer, create new directory on the P-DAQ Server called “Program Files\PDAQ-BU”.
- Copy all the contents of the “Program Files\PDAQ” directory on the OLD computer to the “Program Files\PDAQ-BU” directory on the P-DAQ Server.
- Disconnect OLD computer.
- Remove the DAQ card from the OLD computer.
- Install the DAQ card in the NEW computer. Instructions to install the DAQ card will accompany these instructions.
- Remove the SIIG card from the OLD computer and install it in the NEW computer.
- Connect NEW computer.
- Connect the TNET (Port 1), Touch Screen Monitor (Port 2),TIM2B (Port 3), Battery Backup (Port 4), Printer, and attach Press Interface to DAQ card.
- Connect computer to Network and map NEW computer to the PDAQ Server. Map to “X” if available.
- Install the new P-DAQ software from the “PDAQ\Install\P-DAQ-Press” directory on the server.
- Copy the following files from the “Program Files\PDAQ-BU” directory on the P-DAQ Server to the “Program Files\PDAQ” directory on the NEW computer:
 1. “Stats.mdb”
 2. “Remote.mdb”
 3. PressMan.mdb
 4. “System.ini”
 5. “Security.txt”
 6. “Security.dat”
 7. “Recovery.dat”

- Correct the shortcut to “SysUpd” if necessary. The target should reference SysUpd.exe on the server.
- Execute “P-DAQ”
- When prompted, enter the last pallet ID number that you copied earlier.
- Make sure that the NEW computer uses the HH:mm:ss military format for time, and adjust the current date and time.
- Make sure “DataSync” is NOT running before installing the PDAQ-Server software.

Client Module Installation

- Once the client software is updated you will not be able to use the client software until the Server Module has been updated.
- The update needs to be completed on all Client machines.
- Execute “Start...Settings...Control Panel...Add/Remove Programs”. Remove the P-DAQ Client Module.
- Install the new P-DAQ-Client software from the “PDAQ\Install\P-DAQ-Client” directory on the server.
- Correct the “Program Files\PDAQ-Client\System.ini” file if necessary. The default Mapping is to X; if you do not use this drive letter for PDAQ mapping, adjust the shortcut accordingly.
- Correct the shortcut to “SysUpd” if necessary. The target should reference SysUpd.exe on the server.

Server Module Installation

- Important: Make sure that all presses have been updated before proceeding.
- Insure that “DataSync” is terminated at all presses.
- Insure that the P-DAQ client modules are not being used.
- Create new directory called “C:\PDAQ\BU”.
- Copy the contents of the “PDAQ” directory to the “PDAQ\BU” directory.
- Execute “Start....Settings....Control Panel....Add/Remove Programs”. Remove the P-DAQ Server Module.
- Install the new P-DAQ software from the “PDAQ\Install\P-DAQ-Server” directory.
- Copy “PDAQ-BU\Shared\System.ini” to the “PDAQ\Shared” directory.
- Edit “DataSync.ini” file in the “PDAQ\Shared\InitPress” directory. Make required plant specific changes using the back-up copy for reference.
- Edit “DataPurg.ini”, “P-Admin.ini” and “P-Sched.ini” files in the “PDAQ\Shared\Init” directory. Make required plant specific changes using the back-up copy for reference.
- Logon to a P-DAQ Client machine as Administrator.
- Execute “PDAQ\Shared\DataPurge.exe”. This will delete old data from the databases.

- Execute "PDAQ\Shared\DataCopy.exe" and click "Continue". This will convert the server databases to the new format. Ignore "Cannot copy P.mdb, S.mdb, R.mdb" error messages.

Press Module Update

- Run the following updates between forms.
- Terminate "P-DAQ" and "DataSync".
- Execute "Start....P-DAQ Press Module....DataCopy".
- Execute "Start...Programs...P-DAQ Press Module...SysUpd"
- Re-Start "P-DAQ" and "DataSync".

Client Module Update

- Execute "Start...Programs...P-DAQ Client Module...SysUpd".