

P-DAQ VERSION 6 UPDATE

This update assumes that you are upgrading to P-DAQ Version 6, upgrading your press PC, and you are installing a new 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

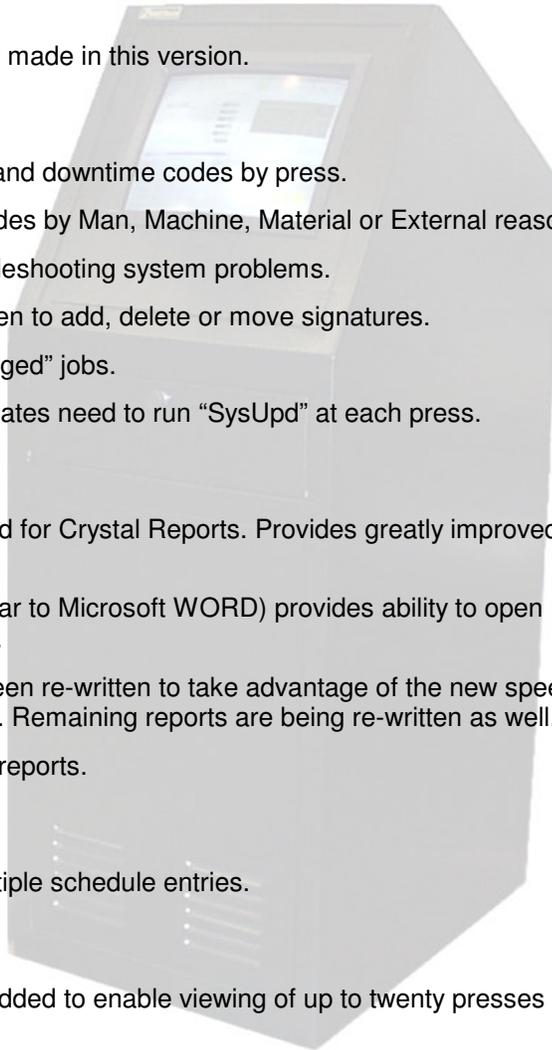
- Ability to highlight and delete multiple schedule entries.

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 New PCI-6602 DAQ card.
- Install the New PCI-6602 DAQ card, the instructions for installing the card will accompany these instructions.

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 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”.