

Security Management

Pro-Watch®



PROWATCH 4.2 SP-4 FEATURES AND FUNCTIONS

May 2016

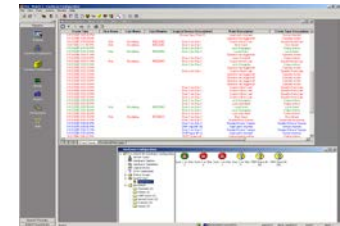
Pro-Watch Features

Pro-Watch Standard Features

The Pro-Watch Eco Suite features a number of Standard "De Luxe" Functions

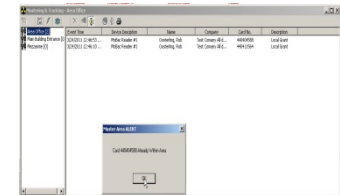
Guard Tour

- A Dynamic Guard tour monitoring option.
- Provides added Security to the Guard during the Tour
- Unlimited number of tours programmable
- Guard tour members are pre-selected through the badging system



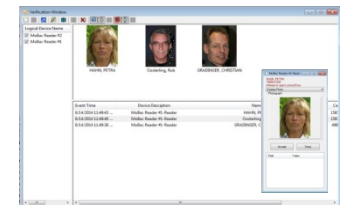
Mustering

- Real time Counting and listing of occupants per Mustering Area
- Anti-Passback correction by drag'n dropping cardholders into area's
- Unrestricted number of mustering area's
- Mustering/Evacuation reporting available (Can be Automatic)



Verification Viewer

- Provides real-time verification on card presentation of the cardholder
- Selectable Access Decision by a "Click on the Button"
- Selectable per reader, with or without additional Keyholder information
- Life Video verification option per reader on demand



Web based Badgeholder Administration and Monitoring

- Pro-Watch Web offers badgeholder administration, reporting as well as System Event and Security Alarm monitoring using standard Web Browsers.



All these Features are Standard Functions in the Pro-Watch Eco Suite!

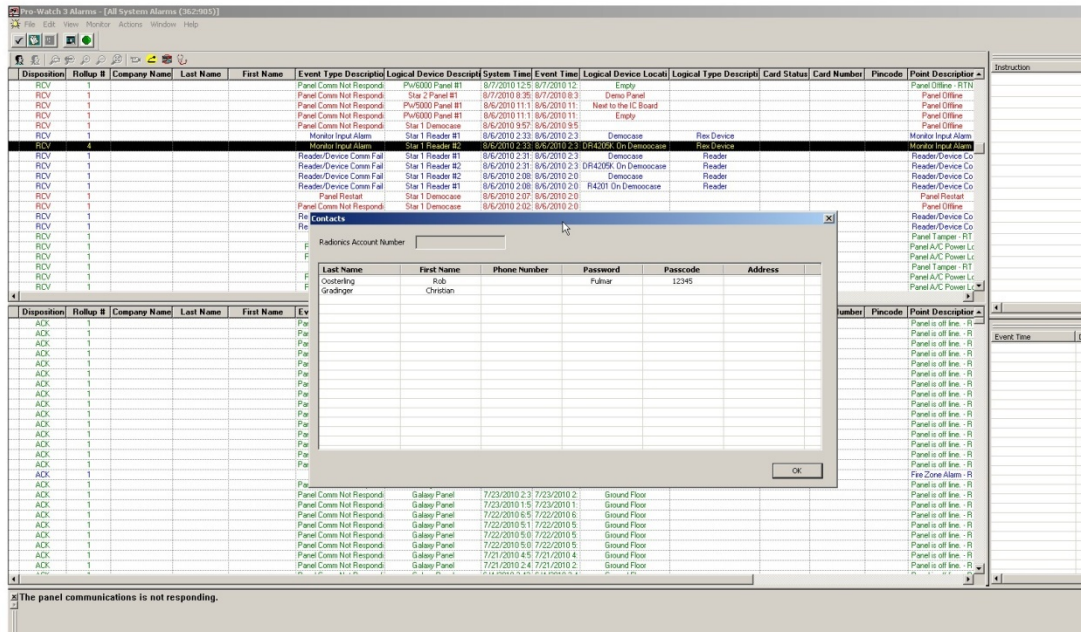
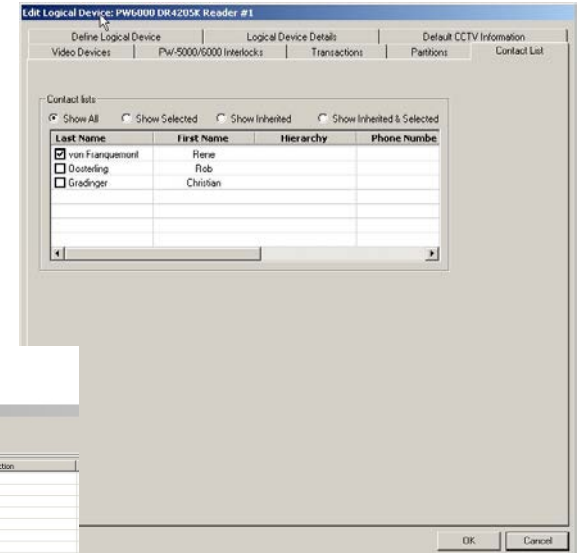
System Management Options

Security Management options

It is now possible to "link" specific information of badgeholders to Logical Devices using the "Contacts" feature.

Security Guards can quick and accurately obtain contact information of persons responsible for the logical devices.

Such as Department managers, technical employees etc.



Information items available in the Contacts feature;

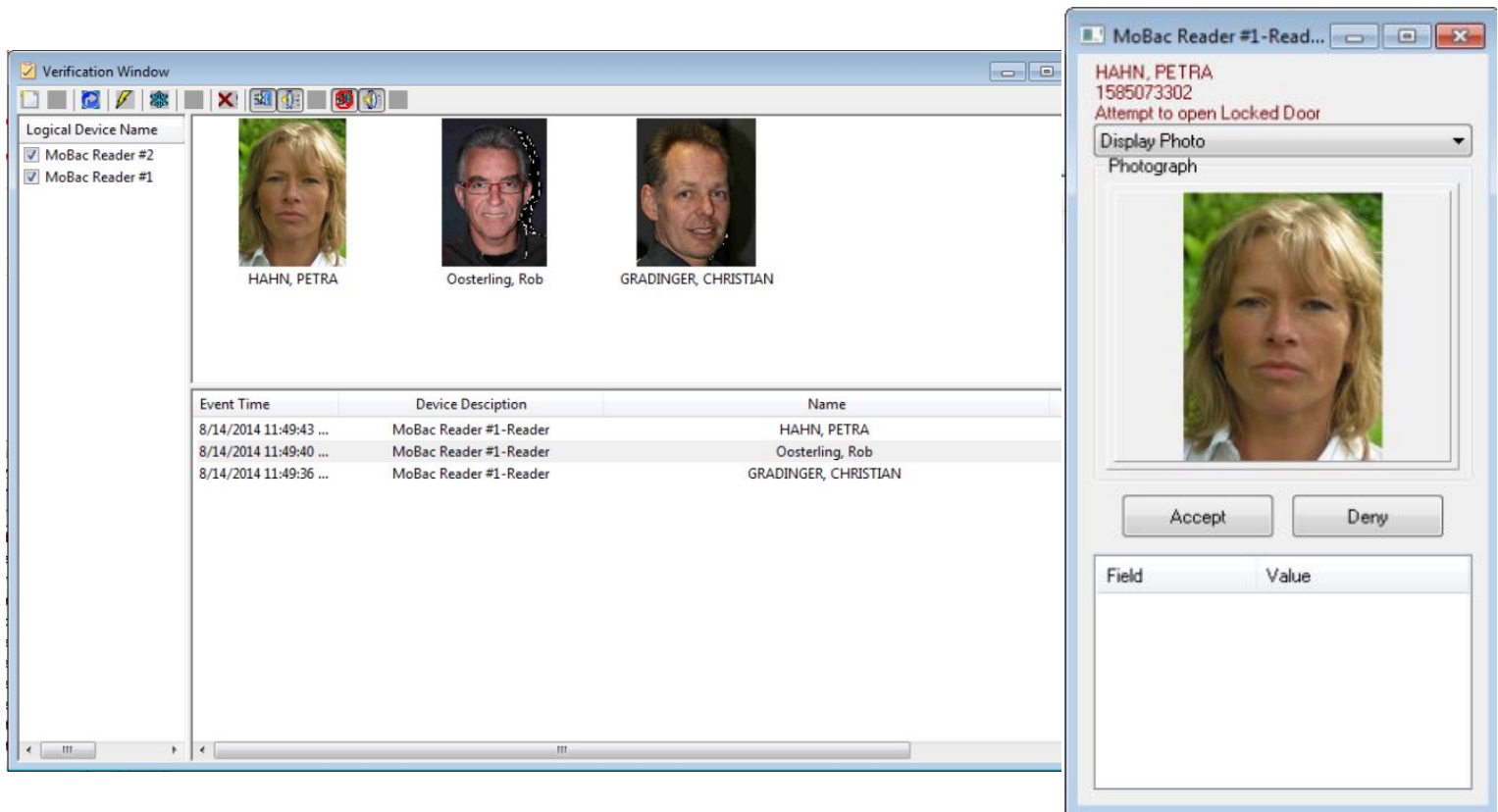
- Badgeholder name,
- Department Address
- Office phone
- Passcode and Password *

* for verification purposes.

Security Management Options

Pro-Watch 4.2 SP-4 Secure Mode enhancements

- The Badgeholder images now stay onscreen until the application is closed. (Horizontal scroll)
- The Badgeholder data window content can be controlled
- Events and Sec. Mode Readers can be pre-defined per workstation for Viewer Pop-up action.
- Clicking on a Picture brings up the Secure mode Controls and Badgeholder detail view (if enabled.)



Improved Reader Control

OSDP LCD Reader support is added

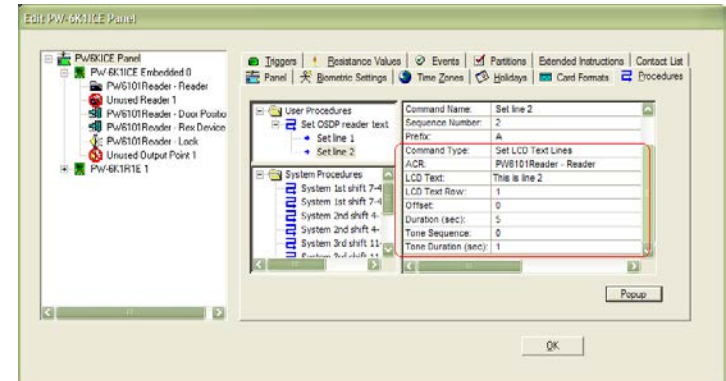
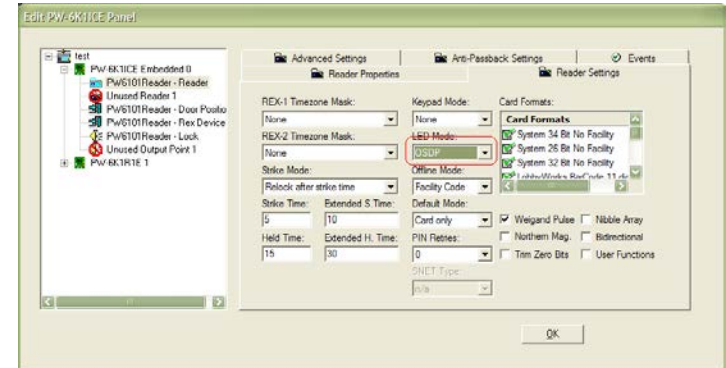
Open Supervised Device Protocol (OSDP) Protocol is now supported in PW6101 panels

Flexible Configuration

- Supported by Panel Triggers and Procedure Programming
- Send ASCII text to LCS displays to compatible readers connected to PW6K1ICE (PW6101)
- Display event related messages in response to Cardholder events.
- Display instructions to Cardholders presenting cards
- Display of momentary or Durable messages to cardholders.

Tested OSDP Compliant readers

- HID iClass RKL55 LCD Reader family
- XceedID XF1200-B and 2210-B types



Pro-Watch Alternative Login

Pro-Watch Authentication login Mode

The Pro-Watch client can now authenticate user logins, bypassing the Windows Authentication

Benefits

- Additional System Security by 2nd authentication on the workstation.
- User and Password management within the Pro-Watch database.
- No IT security involvement for Pro-Watch User and Password management.
- Ideal on complex network Security situations.
- Can be applied per workstation. (some restrictions apply)

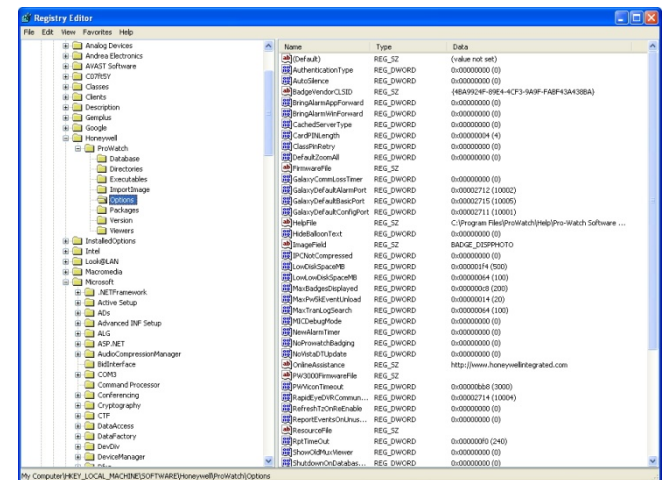
How to setup the feature

Only Two registry entries need to be changed on the workstation

- HKLM\Software\Honeywell\Pro-Watch\Options\AuthenticationType *1
Change value from 0 to 1
- HKLM\Software\Microsoft\Microsoft SQL Server\MSSQL10.SQL2K8\MSSQLSERVER
Change value from 1 to 2 *2
- Reboot the server machine.

*1 For 64 bit OS

*2 For SQL server 2008)



NOTE: A detailed installation and management manual is available

Pro-Watch Alternative Login

Pro-Watch Authentication login Mode

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How to use

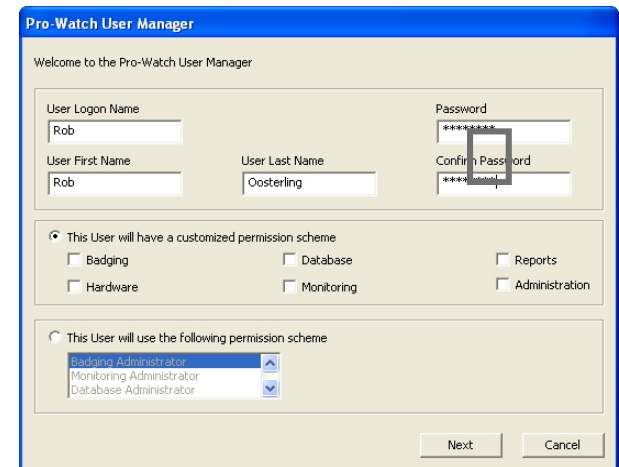
- Starting the client will bring up a Login dialogue box.
- Enter the default Username and Password, "PWAdmin" and "Pro-Watch123"
- Can be applied per workstation.
- Once the user is logged in, multiple clients can be started on the workstation.
- Shadow user function is supported

Constrains

- Once this option is enabled and users are added, these users are not part of the Windows users and groups.
- Windows users accounts are not valid in this configuration.
- Can be applied per workstation.

Added functionality

- Pro-Watch User screen supports maintenance of user passwords.
- Users and passwords are stored in the Pro-Watch Database.
- Application Access to "Users" also provides full password control.



NOTE: A detailed installation and management manual is available

Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 SP-4 Web Single Sign-on

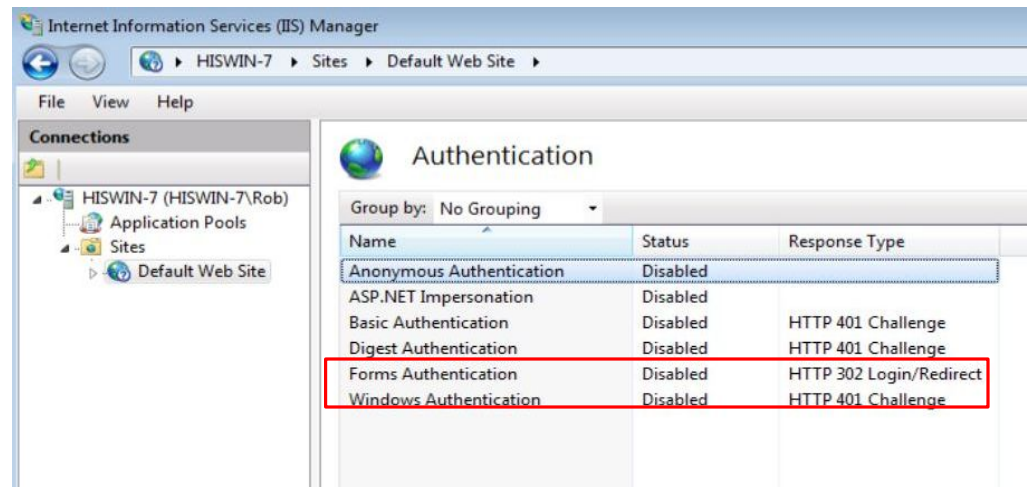
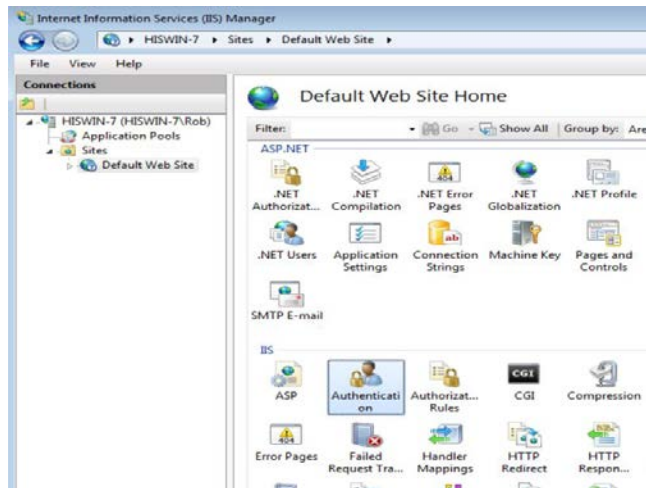
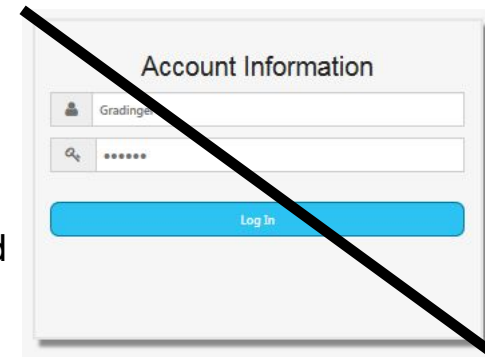
- New Pro-Watch Web Interface options and functions.

Windows Authentication vs Application Authentication

Previously the Pro-Watch Web Client would ask for separate login and password

This can now be changed to use Windows Authentication in two simple steps

- 1 - Launch IIS Manager and select Authentication on the "ProWatchWebclient" object
- 2 - Disable the "AnonymousAuthentication" and "FormsAuthentication"



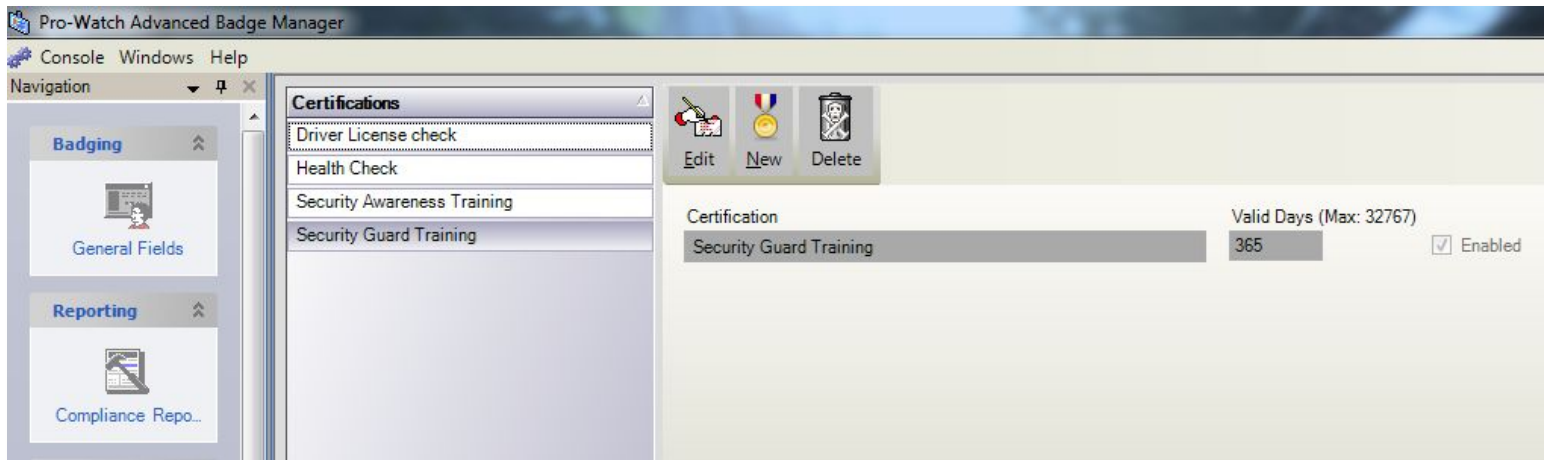
Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 New Advanced Badging Options

- Certificates

Pro-Watch Advanced Badging now features “Certificates” function.

- Depending on personal permissions operators can define and track Certifications/Trainings for a badgeholder.
- New certifications need a number of valid days before expiry, calculated from the day of assignment to a cardholder.
- Upon expiry, the access of a cardholder maybe removed.



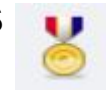
Certificates must be created in the new Advanced Badging option “Certificates”

- Name
- Valid Days
- “Enabled” check Acts as On/Off function.

Pro-Watch 4.2 SP-4 Features

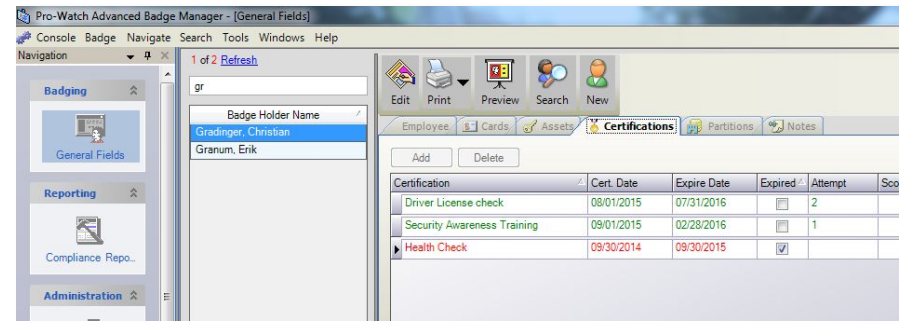
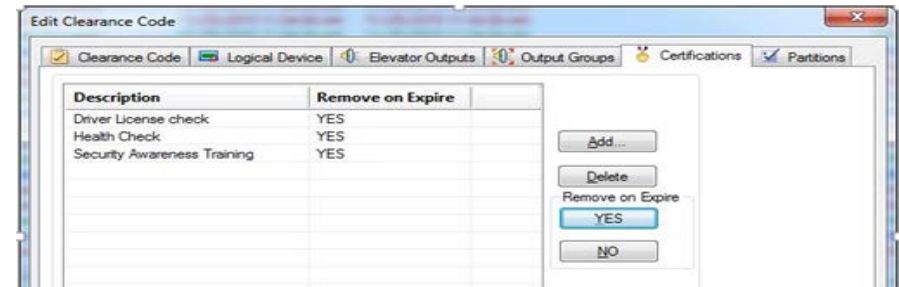
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- Certificates



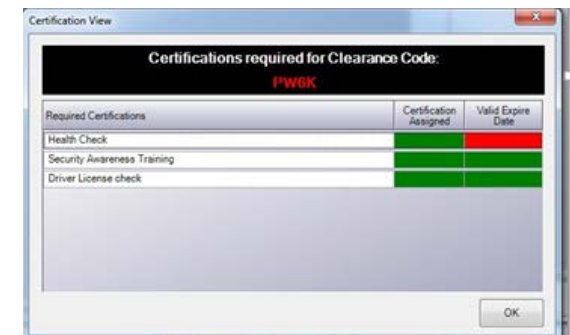
The “Certificates” function operates as follows.

- The Clearance Code form has a new Tab Certificates.
- A certificate can be selected with the option to “Remove on Expire” Yes / No
- Assign one or more Certificates to a Clearance Code
- Assign the Certificate to a cardholder
- The cardholder can now be assigned to a clearance code with corresponding certificate.
- Once expired the clearance code will be removed from the cardholder.



The Badge administrator must have permissions to either

- Assign Clearance code to user with certificate only (Warning)
- Or
- The permission to Override assignment of a certification



Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 New Advanced Badging Options

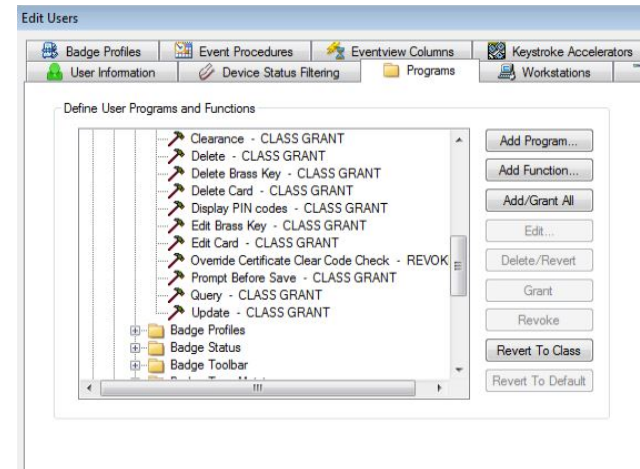
- Certificates

New User Permissions are added to manage certificates;

- Override Certificate Clear Code Check

This permission Allows or Denies the operator to assign a clearance code to an user which does **not** have the corresponding certificate.

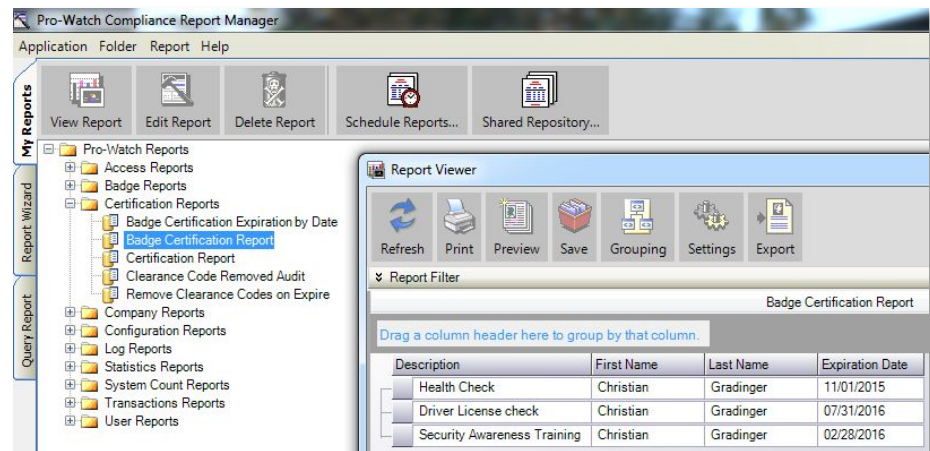
NOTE: A separate manual about the Certification module is available on the SP-4 11092 distribution and the Training Material 2016.1.0



A Set of new Compliance Reports are added to the Pro-Watch Compliance Report Manager providing management options for the used Certifications.

- Badge Certification Expiration by date
- Badge Certification Report
- Certification Report
- Clearance Code Removed Audit Report
- Remove Clearance Code on Expire Report

Reports are added during the update to SP-4 11092



Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 New Advanced Badging Options

- Compliance Report Manager
- New Reports

Panel Firmware report

Lists the firmware of Panels and Sub panels

Channel	Site	Panel Description	Panel Firmware	Location	Panel Installed	SubPanel Description	SubPanel Firmware	SubPanel Type	SubPanel Address	SubPanel Installed
HSDK Channel	Gateway	HSDK Panel	HSDK 01.00		Y					
HSDK Channel	HSDK	HSDK Panel		Application/Modul	Y					
Pv6K Channel	Pv6K	Pv6K	2.073	HV Support Ofc.	Y	Pv6000 2R 1	1.5.0	T	1	Y
Pv6K Channel	Pv6K	Pv6K	2.073	HV Support Ofc.	Y	Pv6000 100UT 2	1.5.0	R	2	Y
Pv6K Channel	Pv6K	Pv6K	2.073	HV Support Ofc.	Y	Pv6000 10N 3	1.5.0	Q	3	Y
Pv6K Channel	Pv6K	Pv6K	2.073	HV Support Ofc.	Y	Pv6000 2R 4	1.3.3	T	4	Y
Pv6K Channel	Pv6K	Pv6K	2.073	HV Support Ofc.	Y	Pv6000 10M 5	1.3.2	G	5	Y
Pv6K Channel	Pv6K	Pv6K	2.073	HV Support Ofc.	Y	Pv6000 100UT 6	1.2.1	R	6	Y
Pv6KICE Chan	Pv6KICE	Pv6KICE	1.201	Empty	Y	Pv6KICE 0	0.5.1	X	0	Y
Pv6KICE Chan	Pv6KICE	Pv6KICE	1.201	Empty	Y	Pv6KICE 1	1.0.0	Y	1	Y
Seat 1 Channel	TrainingRoom	Panel 1		HIS TS	Y	Pv6000 2R 0		T	0	Y
Seat 2 Channel	TrainingRoom	Panel 2		HIS TS	Y	Pv6000 2R 0		T	0	Y
Seat 3 Channel	TrainingRoom	Panel 3		HIS TS	Y	Pv6000 2R 0		T	0	Y
Seat 4 Channel	TrainingRoom	Panel 4		HIS TS	Y	Pv6000 2R 0		T	0	Y
Seat 5 Channel	TrainingRoom	Panel 5		HIS TS	Y	Pv6000 2R 0		T	0	Y
Seat 6 Channel	TrainingRoom	Panel 6		HIS TS	Y	Pv6000 2R 0		T	0	Y
Seat 7 Channel	TrainingRoom	Panel 7		HIS TS	Y	Pv6000 2R 0		T	0	Y
Seat 8 Channel	TrainingRoom	Panel 8		HIS TS	Y	Pv6000 2R 0		T	0	Y
Star 2 Channel	Star_2	Star_2	2.084	HV Technical Sv.	Y	BRD 1041H		M	1	N
Trainer Pv6KIC	TrainingRoom	Trainer Pv6KICE Pa		HIS TS	Y	Pv6KICE 0		X	0	Y
Trainer Pv6KIC	TrainingRoom	Trainer Pv6KICE Pa		HIS TS	Y	Pv6KICE 1		Y	1	Y

Panel Hardware status report

Shows the **actual** status of Panels and all I/O Programmed.

This is a snap-shot recording of the True hardware status at the moment the report is run.

Description	Last Point	Last Status	Last Mode
Description: Pv6000 Alarm Output #1 (1 item)			
Detail			
Horn			
Description: Pv6000 Alarm Output #2 (1 item)			
Detail			
Horn			
Description: Pv6000 Comm fail Override (1 item)			
Detail			
InputPoint	Comm Fail Override SET	Alarm	
Description: Pv6000 Comm Monitor 10M (1 item)			
Detail			
Horn			
Description: Pv6000 Comm Monitor 2R (1 item)			
Detail			
Horn			
Description: Pv6000 DR4200K Reader #1 (4 items)			
Detail			
Door Position			
Lock			
Reader	Rex Pressed. Door not use		Card-Only
Rex Device			
Description: Pv6000 DR4200K Reader #2 (5 items)			
Detail			
Door Position			
Lock			
Reader	Rex Pressed. Door not use		Card-Only
Rex Device			
Description: Pv6000 General Purpose Input #1 (1 item)			
Detail			
Last Point			
Last Status			
Last Mode			

Pro-Watch 4.2 SP-4 Features

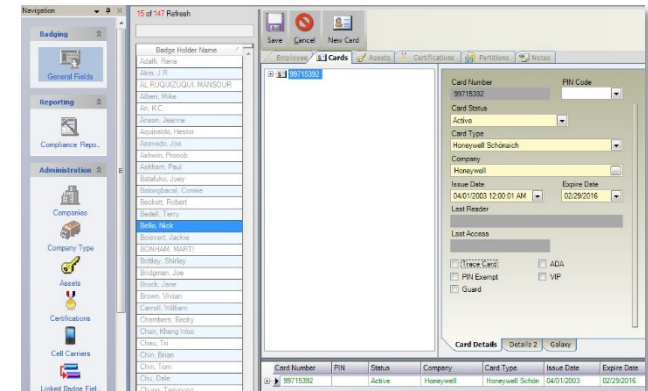
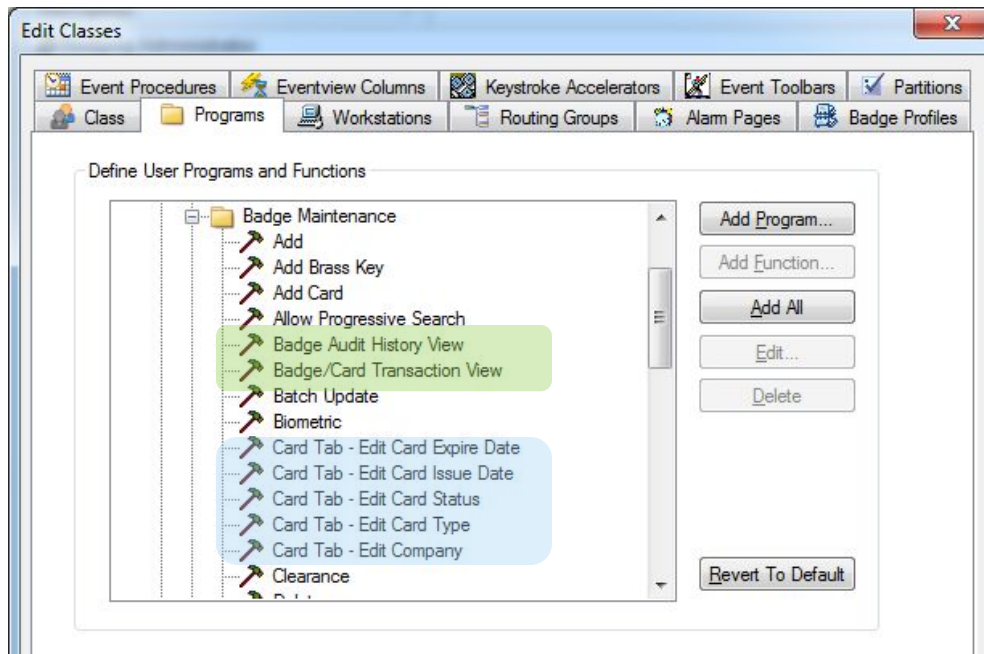
Pro-Watch 4.2 New Advanced Badging Options

- New User Permissions

New User Permissions are added to manage Card production security on the “Card Tab”

- Badge Audit and Card transaction view are selectable per user / class
- 5 Card Tab Restrictions now covering all entry fields
 - Card Expiry and Issue Date fields
 - Card status entry
 - Card Type
 - Edit Company

Especially the last “Company” restriction makes the use of the “COMPANY1” feature secure.



Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 New Advanced Badging Options

- Conditional Badge Profile Fields

Pro-Watch Advanced Badging now supports further customization options

- A new column COMPANY1 should be added to the BADGE_V table with recourse Type "Company"
- Add this field to the badge profile with an appropriate name.
(This field will display all companies in a drop-down box format for selection by the user.)

46	BADGE_ROLE	Role	True	varchar
47	BADGE_SEC_DATE	Security Check Date	True	date
48	BADGE_SECURITY_CHECKED	Security Checked	True	bool
49	BADGE_SSN	Social Security	True	varchar
50	BADGE_STARTDATE	Start Date	True	datetime

The screenshot displays the configuration interface for a badge profile. The 'Company Selection' dropdown menu is highlighted with a red oval, showing the selected value 'Honeywell Integrated Security'. Other visible fields include Branch (Stolwijk), Building (%), Car Brand (Volkswagen), License Plate (3-SHK-01), Issue Date (08/28/2013), Expire Date (08/28/2014), Employee ID (663473), Workforce ID (312127), and Badge Number (46). The interface also includes checkboxes for 'Eligible Contact' and 'Authorized Host'.

Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 New Advanced Badging Options

- Conditional Badge Profile Fields

What does this feature do ?

- Select a Company in this new Company Field on the employee page,
- Then click “New Card”.
- The selected Company is now populated on to the new card record.

Using the Linked Badge Fields and Linked NULL fields options in the Advanced Badging tool will allow to create rules that may suggest a company to be assigned to the new Cardholder.

The new User Security restrictions make that all Access related entry field can be set as “Read Only”

The screenshot shows the 'Add New Card' window with the following details:

- Card Information Tab:**
 - Card Number: [Empty]
 - PIN Code: [Empty]
 - Issue Date: 01/07/2015 12:18:47 PM
 - Expire Date: 08/30/2014
 - Set to Badge E:
 - Card Status: Active
- Company Field:** Honeywell Integrated Security (highlighted with a red box)
- Clearance Codes Section:**
 - Available Clearance Codes Table:**

Available Clearance Codes	Timed?	Temp?	D
All Access	<input type="checkbox"/>	<input type="checkbox"/>	
Demo Clearance Code	<input type="checkbox"/>	<input type="checkbox"/>	
Overall Access No parking	<input type="checkbox"/>	<input type="checkbox"/>	
Overall Access With Parking	<input type="checkbox"/>	<input type="checkbox"/>	
Parking Access	<input type="checkbox"/>	<input type="checkbox"/>	
Site #1 Access	<input type="checkbox"/>	<input type="checkbox"/>	
Site #2 Access	<input type="checkbox"/>	<input type="checkbox"/>	
 - Assigned Clearance Codes Table:**

Assigned Clearance Codes
All Access
Overall Access With Parking

Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 New Advanced Badging Options

- Correct Partition deployment for Badgeholders

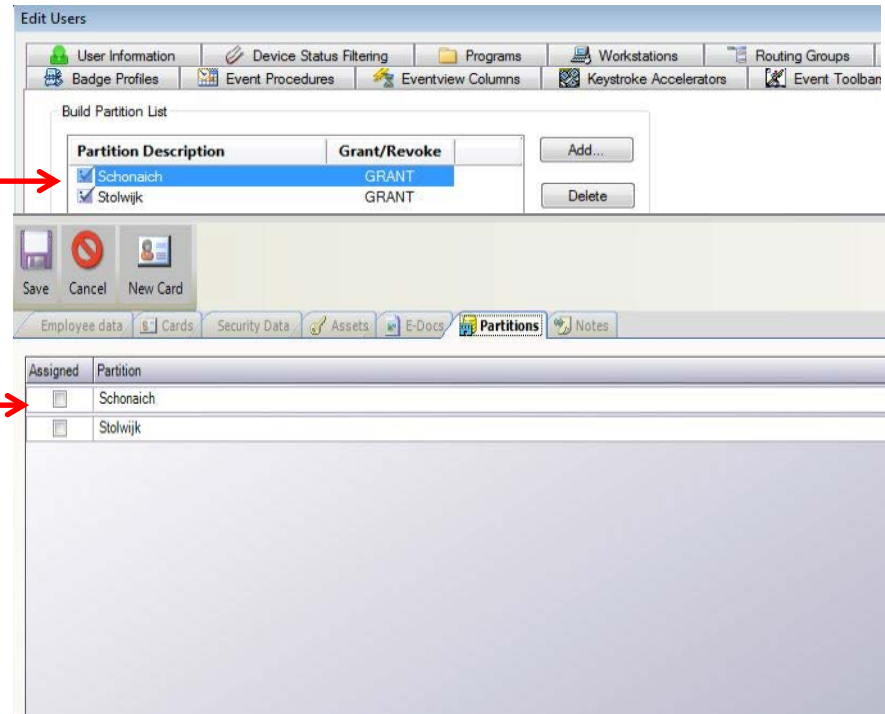
Newly created badgeholders inherit partition information from the Badging Operator.

- Pro-Watch 4.2 Advanced Badgingg now parses the Partition assignments of the Badging operator onto any new created badgeholder.

The Badging Operator is assigned to two Partitions
And creates a new badgeholder

The new Badgeholder can only be assigned
to that collection of partitions.

The operator cannot Add or Remove partitions
from the badgeholder but can only enable or
disable the partitions.



Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 SP-4 New Application

- Partition Manager application

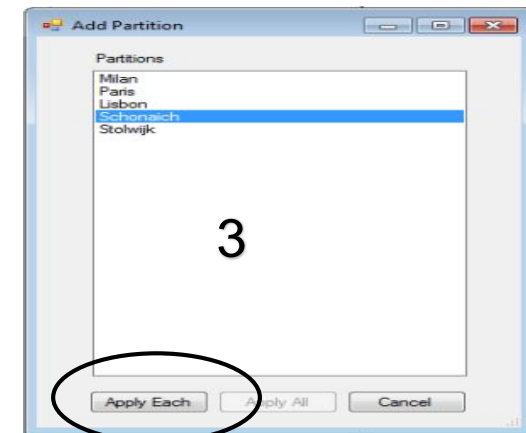
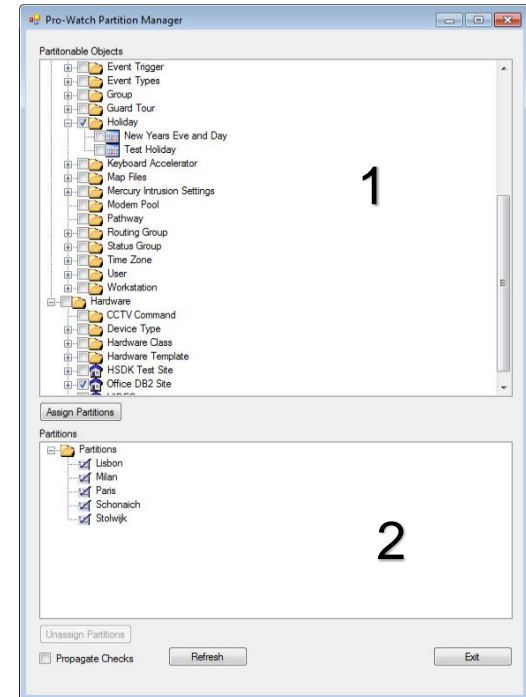
The Partition Manager application provides a convenient method to partition any system component in the database in just 3 clicks !

Step 1 - Select all database objects and hardware components in the top window

Step 2 - Click on the “Assign Partitions” button

Step 3 - Select the Partition or Partitions were the selected database and hardware objects should be assigned to, and click “Apply Each”.

- Additionally the “Propagate Checks” button drills down into your checked selection in a class.



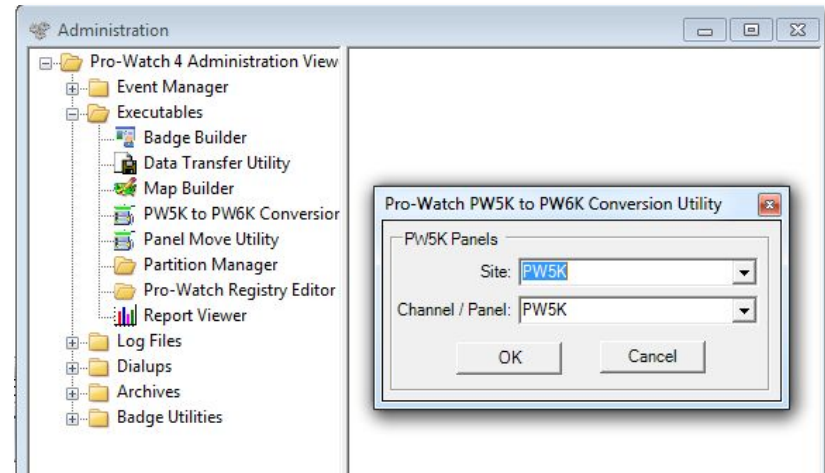
Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 SP-4 New Application

- PW5000 Panel Conversion Tool
- Archive converter Application

The Panel Conversion tool converts a PW5000 and its peripheral components into a PW6000.

Simply select the site which contains a PW5000 and the channel which serves the PW5000 panel ... and click “OK”

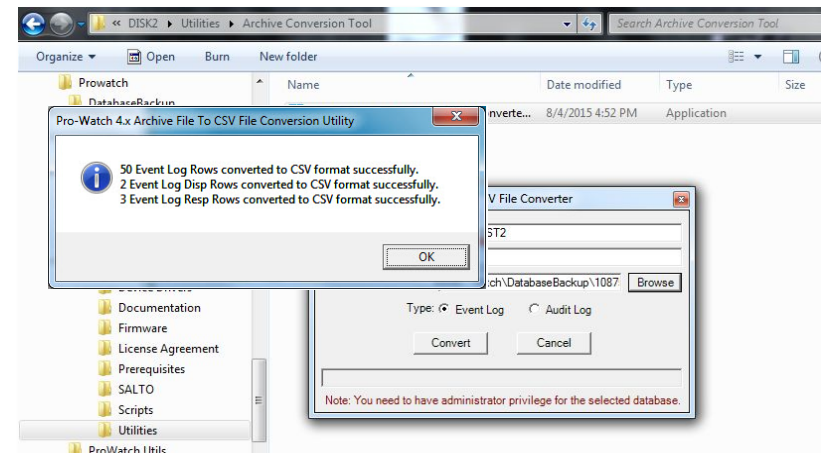


The Archive Conversion application

The new Archive Converter application is provided to convert saved Event/Audit Archives from Pro-Watch Series 3.81, 4.0, 4.1 into a 4.2 format.

The operation is simple

- Start “PW4_X_ArchiveFile_To_CSV_FileConverter.exe”
- Enter the {Instance name}Database name
- Select the archive file to convert
- Select the correct Archive type “Event” or “Audit”
- Click “Convert”



Pro-Watch 4.2 SP-4 Features

Pro-Watch 4.2 SP-4 New Application

- E-Docs feature

The **E-Docs** feature in Pro-Watch 4.2 SP-4 Advanced badging allows to add electronic documents to be added to a Badgeholder.

Simply copy the File Path into the URL box, and add a description identifying the purpose

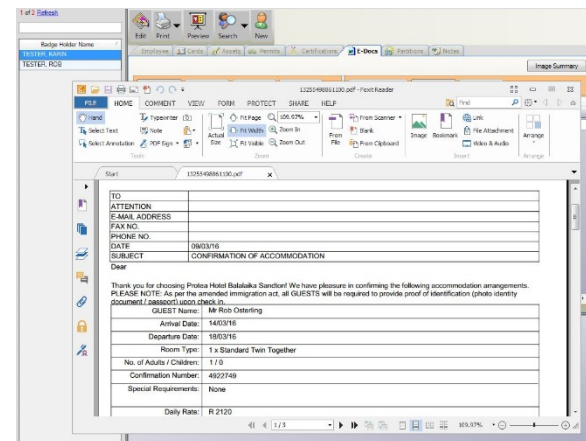
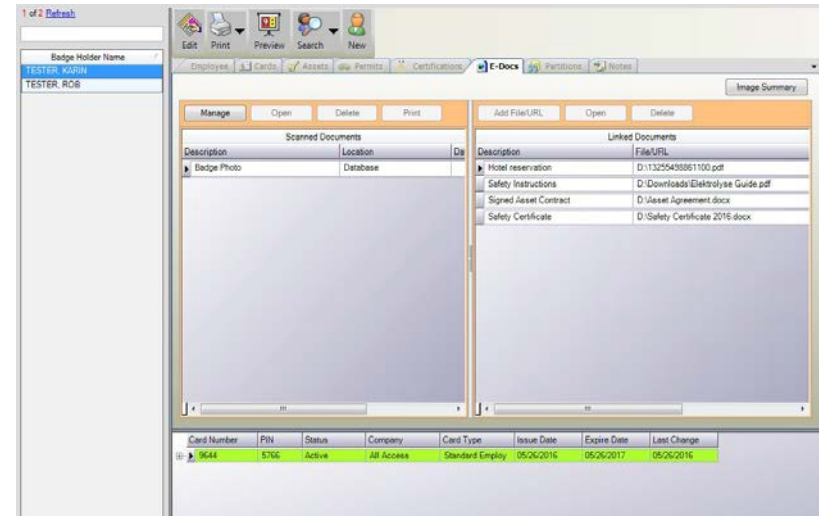
The purpose could be:

Keeping copies of ..

- Signed asset receipts
- Safety certificates & Permits
- HR related documents
- Parking space contracts
- Etc etc

The operation is simple

- Clicking on the file URL opens the file in default application present on the workstation.
- No restriction to the number of document stored
- Central document management limits the number of document locations.
- Documents can be stored on any network storage location.



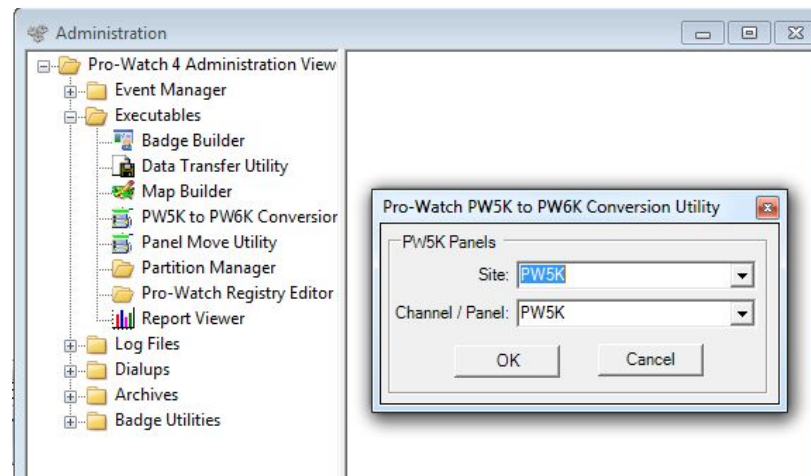
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