



# Pinnacle™ Version 6

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Release Notes

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## Overview

Sielox is proud to announce the release of Pinnacle™ 6, the first release since we adopted the Agile Methodology for software development. The result is better software quality delivered to our customers.

This release includes the following features:

1. Support for X-LAN
2. Card Holder Quick Entry Tab
3. First Person Rule (Snow Day)
4. Card ID Decimal Entry
5. User's Actions from the Event Grid
6. Tree Find (Tree Expand / Collapse)
7. TCP / UDP switch (Network Diagnostic tool included)
8. Updated Installation CDs

## Licensing and Installation

All Pinnacle purchases, which include no-charge upgrades covered under the warranty or maintenance periods, require a Pinnacle licensing agreement to be submitted along with your purchase order.

**Pinnacle 6 is now available, if you are within your 12 month software warranty period you are entitled to a “free upgrade”.**

**The warranty expiration date is one year from the Pinnacle license purchase date.**

**Upgrading the Pinnacle version, upgrading the capacity or adding license options does not change the warranty expiration date.**

**If you are outside the warranty period you may still obtain Pinnacle 6 by purchasing an annual Software Maintenance Agreement, please contact your Regional Sales Manager.**

The Pinnacle Installation Manual and User Manual provided with your system provide step-by-step installation instructions. This guide is shipped in PDF format on Disk #2. Printed format is available upon request.

## Software Maintenance Program

Pinnacle 6.1 comes with 1 year warranty starting on the date of purchase.

After the first year additional software maintenance needs to be purchased in order to get Technical Support and software upgrades and hot fixes.



The Software Maintenance Program must be purchased in order to obtain upgrades for Pinnacle versions purchased prior to November 1<sup>st</sup>, 2006.

The warranty and software maintenance programs include telephone support, remote diagnostic via Network streaming connection and assistance from our Technical Support Center during normally stated support hours. This includes software and maintenance release (hot fixes) and firmware updates for the AC-1500 and AC-1200.

Business Partners that purchase a 3 year Software Maintenance package at the time of sale or during the 1 year warranty period can realize a 20% discount for each license and option.

For more information consult the Sielox Price Book or your Regional Sales Manager.

## **Note to Pinnacle SDK Users**

If you use the Pinnacle SDK to interface your application with all Pinnacle versions prior to version 6 you have to recompile your application to make it compatible with Pinnacle 6.

## Features

### 1. Support for X-LAN

X-LAN is an External LAN device that allows up to 16 Terminal Controllers (AC-1500 or AC-1200) on a single Ethernet connection.

### 2. Card Holder Quick Entry Tab

Pinnacle 6.1 includes a new Quick Entry tab on the cardholders screen; it includes data fields from Custom Fields, Access Levels, Cards and General tabs.

Cardholders Screen
6 Cardholders, 6 Cards

Last: 
First: 
MI:

General | Access Levels | Cards | Custom Fields | Image Library | Quick Entry

Custom Fields:

Custom Field Label	Custom Field Data
▶ Vehicle License	
Emergency Phone	
Work Location	[Blank]
Hire Date	

Display Image

Display Signature

Access Levels:

Access Level Name	Activation Date	Expiration Date
* [Blank]		

Revoke

Badge

Card Type	Fac. Code	Card Code	Card Code Hex	Hot Stamp	PIN	Possession Date	Enable Facility Code
26-bit Std & 33-bit CKP Wiegand		02207076	21AD64				<input type="checkbox"/>
* [Blank]							<input type="checkbox"/>

## 3. First Person Rule / Snow Day

This feature works only with Sielox 32-bit controllers (AC-1500 and AC-1200). The controllers must be upgraded to firmware version 15.0A or later.

Any door scheduled to be unlocked via Time Zone, will not do so until an authorized card holder is admitted prior to the unlock schedule.

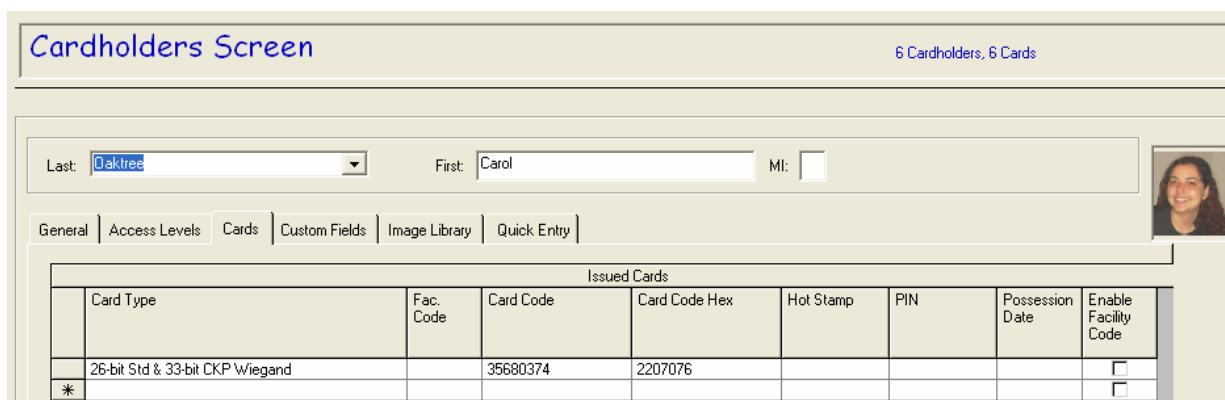


## 4. Card ID Decimal Entry

The Cardholders Screen now accepts the card code ID entry in decimal format.

You still have the option to enter the card code ID in hexadecimal format.

The Sielox controllers don't check for the Facility Code (F.C.) (Except for the HID Corporate 1000); Pinnacle treats the F.C. as part of the card ID.



Note that the "Facility Code" field and the "Enable Facility Code" check box have been added, to help with data entry of non Sielox card ID, i.e. HID

## Finding the Facility Code and Card ID

If you don't have the original card list you can find the facility code and card ID, by presenting the card to a reader. Pinnacle will then display the Unknown Card ID. The "Unknown Card" in the "Event Grid" will still be displayed in hexadecimal format.

All Events					
Event ID	Event	DateTime	Description	Device	
8854	Unknown Card	8/28/07 14:01	21AD64	001- Crane In	
8855	Admitted In	8/28/07 14:01	John Smith	001- Crane In	
8856	Already In	8/28/07 14:01	John Smith	001- Crane In	
8857	Unknown Card	8/28/07 14:01	21AD64	002- Crane Out	
8858	Already In	8/28/07 14:01	John Smith	001- Crane In	

Type in the hexadecimal value and Pinnacle will automatically populate the Decimal Field.

For non-Sielox card formats, except for HID Corporate 1000, you can find the card Facility Code. The F.C. is not part of the hot stamp printed on the card. In this case enter the "Unknown Card" ID in the "Card Code Hex" field and then check the "Enable Facility Code" check box. See the example below.

Issued Cards								
Card Type	Fac. Code	Card Code	Card Code Hex	Hot Stamp	PIN	Possession Date	Enable Facility Code	
26-bit Std & 33-bit CKP Wiegand	33	00044388	21AD64				<input checked="" type="checkbox"/>	
*							<input type="checkbox"/>	

In this case we entered 21AD64. The facility code is 33 and the card ID in decimal format is 44388. After that you just have to enter the F.C. in the "Card Entry Defaults" tab then for all other cards you just have to enter the decimal hot stamp in the "Card Code" field!

Note: Some card hot stamps do not match the internal card ID, in this case you need the list from the card manufacturer or use a Sielox wedge reader.

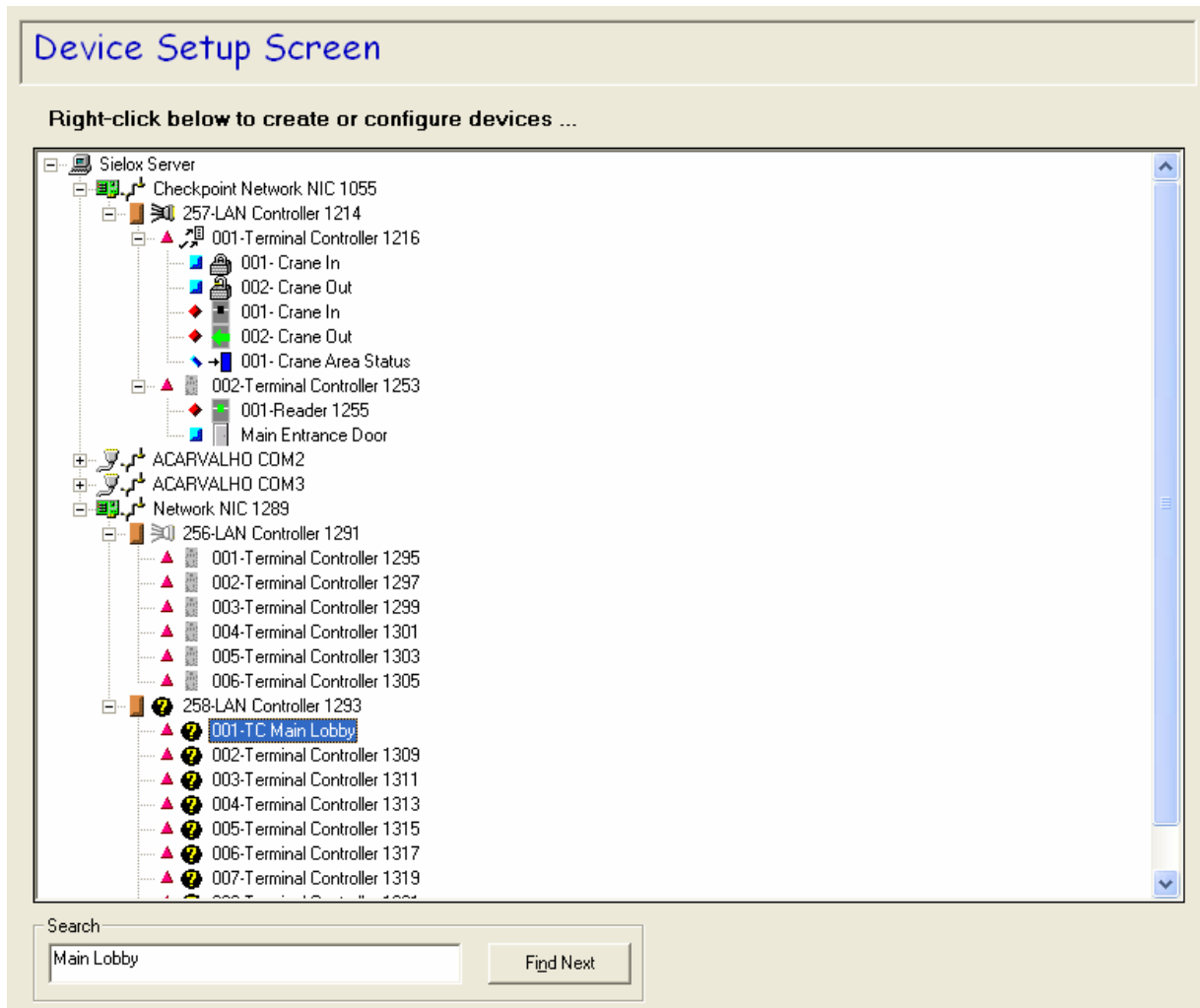
We also added a new “Card Entry Defaults” tab to the Cardholder Setup Screen. Just select the format for your “Default Card Type” and Facility Code. The Cardholder Setup Screen or Quick Entry tab will then auto populate those fields.

The screenshot displays the 'Cardholder Setup Screen' with a title bar at the top. Below the title bar is a horizontal tabbed interface with five tabs: 'Custom Fields', 'Class', 'Duress', 'Maintenance Port', and 'Card Entry Defaults'. The 'Card Entry Defaults' tab is currently selected. The main content area of this tab contains a form with the following elements: a label 'Default CardType:' followed by a dropdown menu showing '26-bit Std & 33-bit CKP Wiegand'; a checked checkbox labeled 'Enable Default Facility Code:'; and a dropdown menu below the checkbox showing the value '33'. At the bottom right of the screen, there are two buttons: 'Save' and 'Cancel'.



## 6. Tree Find

Find devices quickly and easily with the new find feature in the Device Setup Screen. Just type the device in the search box and click the “Find Next” button. The find feature will expand the tree and highlight the device that was found.



## 7. TCP / UDP Switch

This new feature has a built in diagnostic tool that allows you to test Pinnacle workstation connectivity. Each connectivity test button has a status which displays PASS or FAIL. Ping Test is simply the operating system ping while the Sielox Message Test is an extended diagnostic that checks to see if the Pinnacle workstations are receiving Sielox Messages. Some network environments suppress the use of the UDP protocol, in this case you can switch from TCP/UDP to TCP, and build the IP Tunneling (Point to Point) connection by adding Pinnacle workstations to the Configured Connections list.

Note: This procedure has to be done in all Pinnacle workstations.

**System Settings Screen**

Default Paths | Access Levels | **TCP/UDP Connectivity**

Connection to Add, Remove, or Test

Name or IP Address:  Port:

Connectivity Testing

**FAIL**

**PASS**

Local Computer Port

(0 - 65535)

Sielox Messaging Protocols

TCP / UDP  TCP Only

Configured Connections:

	Name or IP Address	Port
	142.168.201.215	9988
▶	INSTALLTEST	9988

## 8. Updated Installation CD

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We have updated the contents of the installation CD's. Here is a list of the changes.

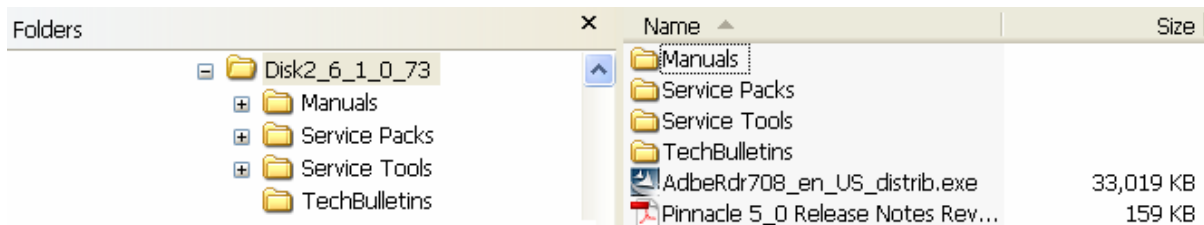
- Moved "Service Packs" folder from CD1 to CD2

### CD1 Folders and Files

Name	Size
DCOM98	
IE60SP1	
Manuals	
MDAC	
Oasis	
Options	
Remove	
Sentinel	
sql2ksp3	
VB Modules	
WinInst	
Xml	
32-bit CPU Interface Port Utility.msi	764 KB
AdobeRdr708_en_US_distrib.exe	33,019 KB
AUTORUN.INF	1 KB
Company.ico	1 KB
dotnetfx.exe	22,960 KB
EULA.doc	39 KB
EULA.txt	3 KB
MigrateOF_1_12_1.exe	273 KB
OFPlatform1.msi	3,974 KB
OFPlatform2.msi	2,905 KB
OFPlatform3.msi	3,003 KB
OFPlatform4.msi	7,650 KB
PelcoOutputGeneratorSetup.msi	905 KB
Pinnacle.msi	108,684 KB
Pinnacle_ConfigUtil.exe	156 KB
PinnacleSP.msi	19,058 KB
readme.txt	2 KB
Setup.exe	468 KB
SetupComponents.msi	1,664 KB
SQL.BAT	1 KB
UDInstaller.exe	312 KB
VBA.msi	11,177 KB
WindowsInstaller-KB893803-v2-x86.exe	2,526 KB

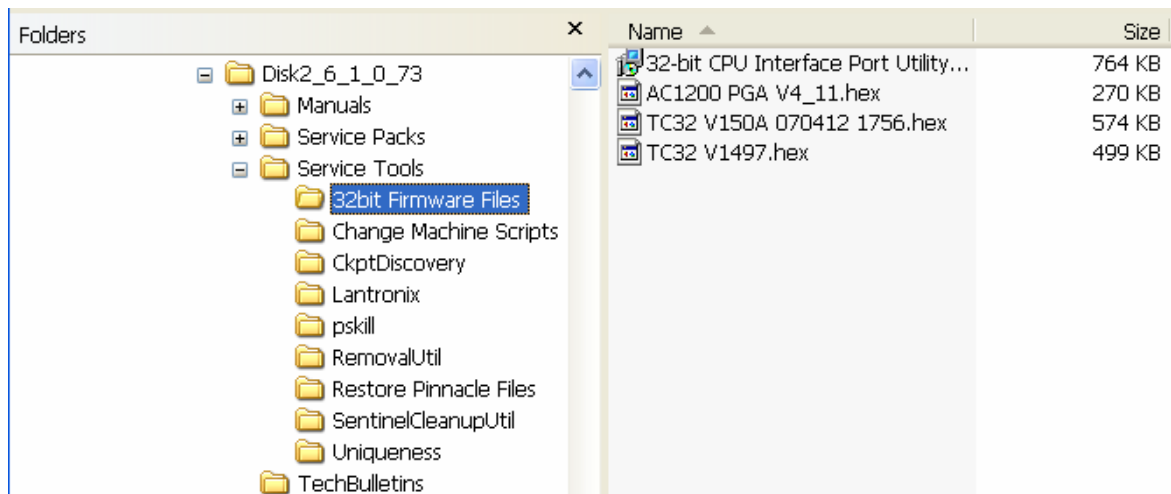
- Removed “Demo License” folder from CD2
- Removed “3rd Party Drivers” folder from CD2
- Removed “IP Tunneling” folder from CD2
- Service Packs included:
  - Windows XP SP2
  - Windows 2003 Server SP2
- Renamed “MSICUU” Folder to “RemovalUtil” (MSI Cleanup utility)CD2
- Added a new “TechBulletins” folder to CD2.

## CD2 Folders and Files



Name	Size
Manuals	
Service Packs	
Service Tools	
TechBulletins	
AdbeRdr708_en_US_distrib.exe	33,019 KB
Pinnacle 5_0 Release Notes Rev...	159 KB

- Updated “Service Tools” folder and “32Bit Firmware” files in CD2:
  - TC32 v150A.hex, TC32 v1497.hex, AC1200 PGA 0411.hex and 32-bit CPU Interface Port Utility.msi



Name	Size
32-bit CPU Interface Port Utility...	764 KB
AC1200 PGA V4_11.hex	270 KB
TC32 V150A 070412 1756.hex	574 KB
TC32 V1497.hex	499 KB

- Added the following folders and files:
  - /pskill/pskill.exe - Kills processes that are hung
  - /Uniqueness/Uniqueness.exe - Report Dongle number
  - /SentinelCleanupUtil/ SSDCleanup.exe - Sentinel Cleanup Utility, cleanup old version(s) of Sentinel driver)
  - /Lantronix/Device Installer & documentation – Discover and Setup UDS-1100
  - /CkptDiscovery /CkptDiscovery.exe & documentation – Discover Sielox LANLink and XLAN devices.