Date:	**May 18, 2010**
Topic:	**PTI™ StorLogix™ Version 3.0 Release**
Update Number:	**CASPU2010-01**

This update is available through general release and can be installed on any StorLogix 2.0 or newer system.

RELEASE NOTES

NEW FEATURES

Configuration Wizard
- Enables the basic configuration of StorLogix, LogixServer and Management Interface within a matter of minutes.
- Configures company information.
- Configures an operator login and access code.
- Configures a basic keypad layout such as "1 Keypad, 1 Gate" or "2 Keypads, 1 Gate".
- Configures the "Business Hours" time schedule.
- Allows configuration of LogixServer with Serial, USB and Ethernet connections.
- Provides a simple management software list for configuring the Management Interface.
- Provides tool tip pop-up help for almost every setting.

AccessMaster® Overlock™
- Added the Overlock application for managing a full wireless Overlock system.
- Overlock system configuration reports available.
- Print data from any of the grid views.
- Includes comprehensive help documentation.

Restore Point
- Creates a full system recovery backup in one file with the exception of some user preferences.
- Backs up registry settings, INI files, license information, report logos, sound files, badges and the main StorLogix database.
- Can be restored on different computers and different compatible operating systems.

System Cleanup
- Works to prevent overloaded Event and Archive databases.
- Performs regular database maintenance such as compacting and re-indexing.
- Cleans up old LogixServer and Management Interface log files.
- Adjustable archive and delete event parameters in the StorLogix preferences.

Automatic PTI Falcon XT™ Firmware Updates
- LogixServer will now ensure compatibility between the Falcon XT firmware and StorLogix.

AccessMaster®LogixView DVR
- StorLogix and VideoViewer are now fully compatible with the AccessMaster LogixView DVR.
- This enhancement also allows for connectivity to Digitech DigiView DVRs.

APPLICATION COMPATIBILITY
Microsoft® Windows
- Windows 2000 Professional and Windows 2000 Server are no longer supported.
- Enhanced compatibility with the following versions of the Windows Operating System:
  - Windows XP Professional SP2/SP3
  - Windows XP Professional x64 SP2
  - Windows Server 2003 R2 (x86/x64)
  - Windows Vista Home Premium (x86/x64)
  - Windows Vista Business (x86/x64)
  - Windows Vista Ultimate (x86/x64)
  - Windows Vista Enterprise (x86/x64)
  - Windows Server 2008 (x64)
  - Windows 7 Home Premium (x86/x64)
  - Windows 7 Professional (x86/x64)
  - Windows 7 Ultimate (x86/x64)
  - Windows 7 Enterprise (x86/x64)
- Added USB drivers that are compatible with Windows 7.
- Enhanced the system and installation to allow the applications to run under a "Standard User" account.

ENHANCEMENTS
Installation
- Included reference link for the Falcon XT manual to ensure the current manual is available.

PTI™ StorLogix™
- Enhanced the code/card setup to prevent the selection of starting or expiration dates before the current date and time.
- To prevent the improper configuration the "User Must Be Onsite" cannot be selected on an A/I Device when the "From Area" is set to "Offsite".
- Individual users can now be logged off-site by an operator.
- Users cannot be saved without first assigning a valid code/card and an access level.
- Added a summary step to Setup Access Areas and Setup Access Levels.
- Added a notification when editing settings or information for a user that is currently onsite.
- Added a "Start Date" field to the card/code assignment when adding or editing a user.
- Updated the Add/Edit/Suspend User wizards to show the user's image on the left side.
- Added functionality to automatically fill in the "Displayed Name" when adding or editing a user.
- When setting up an A/I Device with the "PayXpress Only" function mode, options that do not apply are disabled.
- Disabled the Update Graphics options when "Enable Site Graphics" is not selected in the Falcon XT setup.
- Updated the two default access levels for new sites to be configured with the default area and time schedules.
- Enhanced the A/I Device setup process to prevent conflicting settings when using the Check In/Out options.
- Changed the "Wireless" and "Terminal" labels in the Falcon XT setup to "Aux B / Exp" and "Aux A" in order to match the case label.
- Removed the ability to assign tamper inputs (channel 0) to system functions such as access areas or units.
- Added checks to enforce the code size configuration from Setup Falcon XT in Add/Edit User and Setup Cards.

- Access levels without assigned access area will not be saved.
- Access areas with duplicate descriptions will not be saved.
- A/I Devices with duplicate descriptions will not be saved.
- Alarm zones with duplicate descriptions will not be saved.
- Buildings with duplicate descriptions will not be saved.
- Elevators with duplicate descriptions will not be saved.
- Lighting Areas with duplicate descriptions will not be saved.
- Security Levels with duplicate descriptions will not be saved.
- Time Schedules with duplicate descriptions will not be saved.
- Added the [EventUserName] placeholder to the context menu in the e-mail template setup.
- Changed the "Global Alarm On/Off" event descriptions to "Auxiliary Alarm On/Off".
- Added notification when unassigned or modified cards/codes come through the management interface.
- "Send All" menu options and buttons are disabled when StorLogix detects that a send all is currently is progress.
- Updated Setup Inputs to only enable Swinger Shutdown settings for Door/Window Contact input types.
- Added an onsite User count indicator to the status bar.
- Added a notification when vacating a user that is onsite.

LogixServer
- Added a pop-up balloon that shows the Last User Details.
- Added a menu item to enable or disable the Last User Details pop-up.
- Added the ability to recreate a missing LogixServer.ini file.
- Added the ability to get and send the count of users onsite.

Management Interface
- Added support for creating vacant units.
- Enhanced the Generic preprocessor to handle PayXpress eligible flags.

PTI™ Falcon XT™
- Enhanced the A/I Device communication error reporting.

AccessMaster® Overlock™
- Added the ability to multi-select Overlock devices in the main grid.
- Updated the background graphics shown on the login screen to match the one in StorLogix.

FUNCTIONAL IMPROVEMENTS

Installation
- Added checks for the presence of Microsoft® KB921337 so that SQL will install correctly on Windows XP SP2.
- Removed the Adobe Reader package from the installation disc.

PTI™ StorLogix™
- Improved how StorLogix handles duplicate records.
- Improved the access area references in the Onsite Users Screen.
- Improved how exceptions are handled when adding access areas through Classic view.
- Improved the alarm zone references in Setup Access Areas.

- Improved how IndexOutOfRange exception when using Setup Access Areas to edit an area.
- Enhanced the how the Transfer Unit functions to prevent the "from" unit to be vacated.
- Improved how the software deals with unhandled NullReferenceExcetpions when removing an A/I Device with many inputs and/or relays in the Classic View.
- Restored broken or missing contextual "F1" links.
- Improved the Setup Inputs Wizard to allow the tamper inputs on the RX900 wireless transmitters to be enabled or disabled.
- Enhanced the security levels to ensure only operators with the proper credentials can log in as an administrator.
- Enhanced the delete functionality so records are now removed from the database tables.
- Improved the software to prevent invalid (i.e. negative) values from causing problems.
- Improved how StorLogix deals with unhandled System.Configuration. ConfiguarionErrorsException that occurs when the user.config file is corrupted.
- Improved how StorLogix handles an ArgumentNullException that prevents the automatic updates from working.
- Revised how the event alarms function, so any sound file associated with an event can be removed.
- Enhanced the color of the buttons in Classic View to be more visible on some systems.
- Improved how StorLogix handles an AccessViolationException when checking for automatic updates.
- Improved the Setup Access Areas to allow the assigned unit list to be cleared.
- Improved how StorLogix handles a System.Data.EvaluateException when an alpha character into the card number field in Classic View.
- Improved the license registration process to eliminate a BadImageFormatException.
- Enhanced the Assign Cards Wizard by adjusting the visual style setting on the "Add User" button.
- Improved the login process to allow the operator to change the database connection from the login screen.
- Improved the process for adding a new site to prevent an invalid User to Access Level description.
- Improved the process for setting up a Falcon XT.
- Improved how StorLogix handles an ArugmentOutOfRangeException when entering a duplicate relay description.
- Improved how StorLogix handles an InvalidOperationException when adding 1000 units at a time.
- Improved the StorLogix installation to remove an extra "LogixServer.exe" from the preferences folder.
- Removed the functionality that cleared all users offsite when initiating a Send All.
- Disabled "Clear User Onsite Count" in A/I Device Properties when standard "Continuous Overlock Mode" is enabled.
- Disabled rearm timer setting in Setup Units when standard "Continuous Overlock Mode" is enabled.

EventViewer
- Improved the EventViewer by increasing the number of events that can be loaded onto a page.
- Updated the event logs to be more efficient and better handle large amounts of event data.
- Improved the User and Unit filters to prevent an Overflow Exception when the log is loading.

LogixServer
- Improved the e-mail alerts function when parsing the [EventUserName] placeholder correctly.
- Improved the export events function to include a date stamp when the events are exported to the LocalEvent.txt file.

- Enhanced the e-mail alert parser to indicate when a placeholder field is not being populated by the associated event.
- Improved LogixServer's Ethernet connectivity, when the connection is lost and restored, LogixServer will automatically reconnect.
- Improved the LogixServer start up process to allow LogixServer to run before the SQL server is running.
- Enhanced LogixServer's Ethernet connection to handle out-of-range date/time conversation error.
- Improved LogixServer to require the serial number field be populated when creating and saving an Ethernet connection.
- Enhanced the Send All function so it automatically restarts after an interruption.
- Improved communication between LogixServer and the Falcon XT to ensure all of the events are retrieved from the Falcon XT prior to starting a Send All command.

PTInet
- Improved the service install to allow PTInet to run as a standard user on Windows Vista and higher.
- Moved PTInet.log and PTInet.ini to the common application data folder.

Management Interface
- Improved the DMIL preprocessor to import Domico DMUCI files more efficiently.
- Improved the set up screen so that the site code is automatically entered.
- Improved the error reporting when processing users that have the same passcode but separate units.
- Improved StorLogix ability to handle imported data from TaskMaster to include expiration date when the access code and date is updated.
- Improved the Management Interface for importing additional users.
- Improved how new interfaces are displayed after removing any previously configured interfaces.
- Enhanced how MUX #9 is added when parsing alarm information.
- Improved the main timer so the timer will remain running without restarting the application.
- Removed the DMGCI & DMIS preprocessors and Domico 3.X option.
- Set the default Alarm.alm path is C:\F2000 when interfaced to a Falcon 2000.
- Improved how the Management Interface logs events for LogixServer to process after using the set up screens and initial setup.
- Improved the Setup Wizard to save the chosen preprocessor.

PTI™ Falcon XT™
- Improved the communication between the Falcon XT and the built-in Wiegand readers.
- Improved how the Falcon XT reports access area or unit information with the Inputs Open/Closed events.
- Modified how the relays are triggered when a site is using elevators with more than 32 floors.
- Improved how the Falcon XT works when a site is using elevators with more than 32 floors.
- Improved how the Falcon XT deals with noise on the RS-485 lines.
- Simplified input reporting to report when an input state is created not when any of the input settings are changed from the software.
- Improved the send all function so the Falcon SX will release a host-controlled relay after a send all command is sent.
- Enhanced the Overlock Alarm Events to include the unit information.

AccessMaster® Overlock™
- Improved communication to allow the "Last Updated" date for the Units and Transceivers to be updated.
- Included the Microsoft® Report Viewer 2005 redistributable package.

- Delayed main refresh timer start until database updates completed.
- Improved the filtering process for the LogixServer messages from other systems.
- Hid the main screen until after the login is completed.
- Improved the hot-key assignments.
- Enhanced the Overlock software so the Last Update column is now visible.
- Enhanced the Overlock software so the column order and sizing preferences are saved.
- Updated all dialogs to show "Cancel" instead of "Close".

Reports
- Simplified the report exporting process. Reports can now be exported to a PDF file format only.
- Enhanced the "Last Known User Position" report to include multiple units rented to one user.
- Enhanced the "Mux and Channel" report to include the unit name.
- Enhanced the "User Activity" and the "Unit Activity by Date" reports to include the user and unit list.
- Improved the "Alarm Zone Configuration" report to include the Start Time (Day/Night) fields.
- Removed the Unit Size column and improved the Door Alarm Enabled field in the "Rented Units" report.
- Enhanced the "LogixScript" report to provide accurate data.
- Enhanced the "Inputs to Relays" report to handle a NullReferenceException.
- Enhanced the "Access Level Configuration" report to include the Unit Required data.

VideoViewer
- Improved the VideoViewer to prevent the VideoViewer from opening after canceling the user login.
- Improved AccessMaster LogixView DVR functions to eliminate an DllNotFoundException.
- Improved the security levels for the VideoViewer to require the operator to enter the proper credentials.
- Improved the connectivity between the VideoViewer and AccessMaster LogixView DVR.

KNOWN ISSUES

INSTALLATION
PTI™ StorLogix™
- Occasionally, on some systems, the Suspend User and/or Suspend Unit shortcut keys do not work as expected.
- In some instances removing a large number of cards from the system will produce a NullReferenceException.
- On occasion the "Send All" progress bar in StorLogix may not auto-hide when the send all completes. Completing the send all a second time will usually resolve this.
- An issue has been reported where through a combination of StorLogix and the Management Interface adding more than 10,000 units to the system can result in "Bad Command" messages from the Falcon XT.
- DVRs with duplicate names can be saved.
- A user may still be shown in the Access Area Current Status dialog after being individually cleared offsite.
- Existing users cannot be selected when editing a vacant unit in the Classic View.
- Duplicate access levels can be assigned to users in the Classic View.
- On a computer with multiple Windows User Accounts, some users may have to specify a Database Server for StorLogix on first run.
- On rare occasions the Setup Relays wizard may display a NullReferenceException when loading, this can be ignored.

- The VideoViewer menu item will not launch the VideoViewer application until it is run at least once.
- Creating a Restore Point does not backup user defined preference settings.
- The Copy Unit function in the Classic View may reassign a Unit's access area and/or lighting area.
- Occasionally, StorLogix will not automatically launch LogixServer and it must be run from the desktop or start menu.
- In Classic View > Access Setup, an access level with a blank name can be added to the system along with a "Hours" named time schedule.
- An issue has been reported where a Standard Windows User Account (non-admin) running on Windows Server 2003 R2 x64 cannot register the software license.
- Occasionally a duplicate items error is reported in the Classic View when attempting to add 3 or more access levels to one user.
- Choosing to cancel the folder path selection during the StorLogix backup runs the backup anyway.
- On some Windows systems the automatic updates may cause a UnauthorizedAccessException, rerun StorLogix as an Administrator using the "Run as" and try the update process again.

EventViewer
- When viewing a page other than 1 and then applying a user or unit filter, the total page count may not be calculated correctly.

ImportWizard
- Choosing to cancel the folder path selection during the StorLogix backup produces a NullReferenceException.

RestoreWizard
- Double-clicking on a .SRP file prevents the RestoreWizard from launching StorLogix.

LogixServer
- When using a USB connection, LogixServer may not indicate a disconnect if the Falcon XT restarts during a send all.
- On rare occasions a NullReferenceException may be reported when attempting to read the PTInet client directory.

PTInet
- The PTInet tray icon is not available when installed on Windows Vista or higher.

Management Interface
- On rare occasions the user/unit data from a Space Control generated GENLINK.FIL may not be imported into StorLogix.
- Input files that contain Unit and User data without an access code will not put the user data into StorLogix.
- Management software systems that first vacate all tenants before re-sending the data can cause excessive battery drain and substantial RF traffic on an AccessMaster Overlock system.
- On Windows Vista or higher the default file paths for the Domico 4.X/2000 interface will not allow the MI to delete the input files when processing.
- Changing an existing user's name in the Management Software does not change the name within StorLogix, MI reports a duplicate code error.
- If invalid StorLogix login information is entered in the MI setup the MI will appear to be stuck in a processing loop.

PTI™ Falcon XT™
- Users that become suspended while onsite will not be able to exit.
- An "IP Error" event with "9-Reg Con Err" data may occur when a firewall is blocking the PTInet ports.
- On rare occasions the Falcon XT may clear it's database when starting up without an attached battery backup.
- Using LogixScript to momentary turn off a relay may cause the relay to stay on indefinitely.
- When using the function button to clear the database and a custom Ethernet configuration the Falcon XT will not reconnect to PTInet and must be restaged.

AccessMaster® Overlock™
- Occasionally the Overlock GUI may stop responding, appear transparent and/or indicate high processor usage during the learn or unlearn processes.
- When replacing a Transceiver in the Manage Transceivers view, the row with the old serial number may not be removed until the screen is closed and reopened.
- When adding a new Transceiver to the system the communication status does not automatically update in Setup Transceivers.

VideoViewer
- A "COM Error" may be reported when attempting to connect to a Panasonic HD300 series DVR.
- Issues have been reported stating that connections cannot be established with AccessMaster LogixView DVRs on 64-bit operating systems.

Configuration Wizard
- An issue has been reported where the Configuration Wizard will not run on Windows Server 2008 R2 x64. A workaround is available from Technical Support.
- In some rare instances on Windows 7 (x86) the main configuration wizard screen will appear blank.