

Release notes for Axess Build 2080

Bug Fixes

BUG00279 - Pager Callout events are showing a GUID instead of channel error information

If you double click a pager entry in the log and the information window comes up it has a GUID in instead of the channel, state, and date time.

Resolved issue in Pager notify plug-in

BUG00453 - SRCA button on Main Screen needs to be linked to Root Cause Tree

SRCA button on main screen is now linked to the Root Cause Analyzer

BUG00457 - Cannot resize picPicture objects on an OVI page when set to Stretch = True

Picture objects stretch property is now functional.

BUG00462 - StcBase disconnects repeatable over dial-up

Fixed code issue related to Dial-up/slow speed connection causing StcBase to drop and retry the connection every 30Seconds.

BUG00469 - Device Setup Properties are not separated when first creating a new Connection

Made changes to Setup application to account for property separator for newly added Connections.

BUG00481 - Accurate not reporting NUR states and values correctly

Added NUR Serial Port Timeout detection, as well as modified the start up behavior of the plug.

BUG00485 - OVI Analog Meter Object doesn't display Decimals

Analog Meter on OVI form will now show the decimal info.

BUG00486 - Accurate Splash screen placing text, site name, and Version over the "AC"

Fixed text placement on Accurate splash screen.

BUG00487 - If wrong IP is in database when STC_DBASEDP is started Axess locks up

Updated the plug with a min allowed Timeout value of 3 sec.

BUG00488 - STC_BIRDSDP not functioning

Birdmeter code was changed 10/30/07 to support new bird meter format, this code change broke the way the values from the bird meter were processed.

Corrected issue.

BUG00490 - Graph meters not updating values in meter on OVI page MCR2077 Remote site2076

If an MCR is at 2077 and a Remote site is at 2076 the OVI Graph object will not update with any values whatsoever on the MCR OVI.

BUG00493 - Cannot send controls to a remote site in 2077

Issue caused by code changes made to accommodate new rOVing functionality.

BUG00498 - High CPU utilization when high numbers of Analog channels are configured

Situation seen at TX sites running Harris plug-in's that also had high numbers of Analog channels configured. Turning off the Analog channels reduces CPU load significantly. Code re-organised to better handle analog channel updates.

BUG00499 - Log Viewer not displaying logs for date format of dd/mm/yyyy

Fixed globalization date/time issue when displaying event log data.

BUG00501 - Show Run Time Selections doesn't work from MCR

Selecting a remote control with Show Run-Time enabled on remote, will now bring up the channels for the remote site.

BUG00502 - MSMQ causes SQL2005 to crash

Created a new DLL for use with SQL2005 servers SM_MSMQ2005.DLL. This resolves the issues seen with the previous SM_MSMQ.DLL.

BUG00503 - Time SCL delay not able to set to 00:00:00 when Win time format is 12 hr format

Changed the way time SCLs are entered. The entry is now forced to display and be entered in 24 hour notation.

BUG00504 - Database Inserts/Updates not working when installed on Vista or 2008Svr

Found that we needed to add the persist security attribute to the connection string when installed with Vista or Server2008.

BUG00506 - StcBase is not re-connecting after a link drop out.

StcBase at MCR/NOC was not recognizing the loss off connection to the remote site.

Code changed to correctly test for this situation.

BUG00507 - DB Creation script timing out on slow machines when adding a .NET Assembly

With the addition of the new .NET SM_MSMTQ2005.DLL when using SQL2005 database. The time it takes to load the dependent Assemblies is greater than the default query timeout value.

Increased the timeout value.

BUG00510 - The SCL Command 'Set Offline Mode' does not work as expected

Issue related to a mismatch in naming conventions, system was using machine name instead of site name.

BUG00514 - AutoDiscover option no longer available for SNMP connections

The AutoDiscover button in the tool bar is no longer displayed when selecting the SNMP connection node of the Setup tree, however the AutoDiscover button is displayed when selecting the Remote Sites node of the tree.

Reinstated AutoDiscover code for the

BUG00519 - rOVIng/Oversite not connecting via dialup adapter

If a client is using a broadband dialup adapter to connect to his VPN and no other network connections are available the connection to the Axxess/NOC server fails.

Changed code so that the Remote client would recognize the VPN as an available network conn

BUG00521 - SCLs are firing when saving if Status or Analog is already in the state

If a Status or Analog is already in a State that the SCL is being saved to; for instance A Status is already "On" and then we create and save an SCL in Transition to On it Executes the SCL as soon as we save it. This is for Status and Analog.

Fixed an is

BUG00524 - In Control channel the Status Association help string is incorrect

The Status Association says it adds the status of the selected channel to the name. It does not do this. It actually changes the state of the Control channel to whatever the State of the Status channel is.

Update Help String in Master Database

BUG00527 - Delay Alarm on Status channels is not working

The state properly changes now when delay is applied.

BUG00529 - Under Users, Pager Details there is no help string for Protocol

Updated Help String in Master database.

BUG00530 - Ignore SCL is not changing the status icon until there is a transition in States

Ignore SCL is now properly executing

BUG00531 - All SCL types will still execute even thou the site is in local mode.

Also found that the 'Run SCL' command from setup would also execute SCL's when in local mode.

Both Issue resolved.

BUG00537 - Problem when creating a new Control Channel SCL for Transition to OFF

When creating a new control channel SCL you cannot create the Transition to OFF SCL untill you have first created the Transition to ON SCL.

Fixed setup code to allow eith SCL to be created in any order.

BUG00544 - Severity helpstring for Status, Analog and Event channels is wrong

Corrected helpstring to reflect the new severity ranges.

BUG00546 - Information channel association in Control does not work as expected

When associating a information channel to a Control, it is expected that the Control channels lable would change to reflect the information channels current value.

Code added for Control Channel association to Info Channel.

BUG00547 - Changing the "Button On Color" of a control channel to black does not work

Control can now have black as the off color.

BUG00548 - Information channel not alarming properly when alarm is enabled

When Information channel has alarm Enabled it only alarms upon transition to Normal if Audio Alert Enable is false. If Audio is enabled it alarms properly.

Changed code so it now works as expected.

BUG00550 - Under Users - LDAP Details - User DN has some helpstring issues

Corrected spelling in database list tables

BUG00552 - Archivehelper no longer archives log entries

ArchiveHelper.exe needed to be recompiled to take into account recent changes to code system DL's

BUG00553 - Time Sync - URL or IP address helpstring

Update master database with corrected information

BUG00554 - Properties - Local Host Address (Default:0.0.0.0) helpstring

Update master database with corrected information

BUG00557 - In an Analog channel setup Display Units Extended is no longer used by VDTMF

VDTMF nows uses the Extended Display Units if its available.

BUG00558 - Time Sync changes not applied untill Axxess is restarted

Changed code so that when timesync settings are changed that the timesync code is restarted to pick up the changes.

BUG00559 - Extended Name helpstring not complete for channels

Updated master database with corrected information

BUG00562 - Browsing LDAP tree when LDAP isn't configured crashes Setup

Setup would stop functioning if a user attempted to use the LDAP browser, when the LDAP properties are incorrectly setup.

Code added to check LDAP properties before use.

BUG00563 - User could display Log Chart Objects properties in the LogViewer by right click

Disabled ability to bring up properties for chart object on the LogViewer.

BUG00564 - Event Channel parser entries need better helpstrings definitions

Updated the Event Channel Helpstring to better describe the Parser Script properties.

BUG00565 - Pager - Modem Init String helpstring

Updated the Params.xml file for STC_PAGINGNP plug-in to include a better description of the Modem Init String.

BUG00567 - Users -Pager Details - Pager Access Code helpstring

Updated the User - Pager Access Code helpstring to add a warning about not using spaces or dashes in the property.

BUG00569 - User - Pager Details - ComPort Settings (override Global Settings) helpstring

Updated the User - Pager Details helpstring to better describe the Comport Settings available for use.

BUG00571 - Control Channel - Status and Information association helpstring

Changed Control Channel helpstring's to better describe the Status and Information channel association functionality

BUG00586 - UIF32 calibration changes after upgrade

It was discovered that the plug-in code that multiplied the range value to the raw value was not rounding up the range value properly to three decimal places. As an example this caused the raw values to be multiplied with 0.004 for +/-5V instead of the c

BUG00587 - After Renaming OVI you cannot navigate back to the Page

If you rename an OVI page then navigate away from it and try to navigate back it will not open the page. You must restart Axxess to be able to navigate back to the page.

Changed code so the renaming of and OVI takes effect immediately

BUG00590 - MODBUS plug-ins slow Axxess to a grind when a device is disconnected

Found that depending on where the device, that was disconnected, is in the process cue, of the device plug-in, this would sometimes effect the a data-in events to Axsess effectively causing a deadlock.

Changed code to prevent this from happening.

BUG00592 - OVI object - Control Channel - Enable Runtime Value Entry does not work

OVI Runtime Entry now asks for Parameters for execution.

BUG00593 - Any OVI object that uses the Font Bold property cannot use "italic"

Changed Font Bold property to a drop down selection of True/False

BUG00597 - OVI object - Channel Summary - defaults are not being loaded into fields

Added defaults to the new Channel Summary item.

BUG00604 - Level 1&2 analog alarms are not alarming at the correct trigger value

The meter is not alarming at the trigger value. It is alarming if the value is greater than the trigger value.

Changed code to effect the alarm at the entered trigger value.

BUG00605 - Nielsen_GENSER.js is reading wrong reader if NUR does not switch readers

Added code to ignore video signals info when video is hooked up, also added retry counter for bit error issues.

BUG00606 - Values from a SNMP device reappear after device has timedout

If you have an SNMP agent running locally on the same PC as the STC_SNMPDP device plug-in and that SNMP agent is stopped Axsess shows the Values from that device as timedout and greys out the status and analog meters, then at the polling interval, with the

BUG00607 - Modbus PlugIn Channels don't turn Gray if device times out

This problem was only seen on random systems.

Found that it was possible for the timeout event to fire prior to the last data-in event firing.

BUG00635 - MODBUS Plug-ins Causing High CPU

Refactored code in both the MODE and MODS plug-ins to prevent the data collections being updated unnecessarily.

New Functionality

REQ00450 - Use LDAP to synchronize User security from a single LDAP source

Added LDAP support to Axess. This allows the customer the flexibility of using a central Directory, like Microsoft Active Directory, for user authentication and synchronization. Please Manual for more details.

REQ00476 - Add Channel Name to the Subject field of an Email Notification

If an Email notification is sent from a SCL for any Channel type, request to have the Channel name entered in the Subject line of the email.

Added Chanel Name to the Email notification.

REQ00477 - Add Device name to the Subject line of an email notification

If a Connection times out and an email notification is setup in the SCL, request to have the Device Connection name added to the subject line of the email.

Added Device Name to the Email notification.

REQ00517 - Addition of Plug-in licensing to Axess

Plug-in license no longer required. All plug-ins now require a Axess licensed plug-in count.

REQ00538 - Customer request to add a retry count to the NACAT SID timeout

Added 'Retry count' property to the NACAT plug-in to allow the user to set the number of consecutive FD entries with encoded times outside of the timeout value before setting the timeout status to Abnormal.

This will account for the NACAT's software issu

REQ00539 - Addition of Script Debugging functionality to Generic Serial & TCP plug-ins

Several requests have been made to enable the ability to debug scripts running in the STC_GENSERDP and STC_GENTCPDP device plug-in environments.

Added the required COM interfaces to enable the use of an external script debugger.

This will allow for both

Changed Functionality

CHG00306 - Use new report xml files in setup for SCL email of reports

Swapped out old email reporting format for the new report xml format used by the Event Viewer.

CHG00313 - Add Severity Level to Event Channels

Severity Levels are now available as an Event Channel property.

CHG00314 - Temporarily disable a channel that is transittingioning in and out of Alarm.

Added the ability to right click on an entry in the alarm list at the bottom of axess main screen. two new options appear, mask and acknowledge.

mask will open a window to enter a time you want to mask the alarming channel for (hh:mm:ss).

acknowledge will

CHG00405 - Create a NACAT file reader plug-in to replace the NACAT_GENSER script

Created a new Device Plug-in to replace the Generic Serial plug-in Java Script version. STC_NACATDP.DLL

CHG00413 - Old Colors and Logos on Axess Web Interface

Web version of Axess has been updated to using the new visual style.

CHG00474 - Prevent same channel name use in setup to resolve issue BUG00267

Channel name verification code added to setup application to prevent two or more channels of the same name being added to the system.

CHG00505 - Runtime property required to indicate a Remote Sites time Bias to UTC

Added new internal property to transmit UTC Bias as part of the site runtime data packet.

CHG00516 - Removal of Crypkey licensing from all device plug-ins

Removed crypkey licensing from all device plug-ins. Please see REQ00517 for more information.



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CHG00534 - Need Alarm Property for Level2 Analog

Added an alarm enabled property to Level 2 Analog alarms, similar to Level 1 alarms.

Release notes for Axess Build 3000

Bug Fixes

BUG00386 - Serial and TCP/IP connections are not listed when loading Template into Setup

When loading a Template file into Setup the Template Modifier window does not list the Serial Devices or TCP/IP devices when you select them. Thou does list the SNMP Devices and Remote Sites.

Fixed code to correctly show the Serial and TCP/IP devices, also added new connection types to the tree.

BUG00387 - Loading Template and appending to Event/Info channels appends to all channels

If you load a Template and in "String to Append to Event/Information Channels Names" you enter text, it appends to all channels, not just Event and Information.

Fixed issue where All channel names were being appended too, and not just the Information and Event channels.

Also fixed the ability to change the Connection names.

BUG00528 - Group OVI import fails if "Remove all OVI Pages Before Load" is set to 'True'

If you try to Import a Group OVI file and the "Remove all OVI Pages Before Load" is True then the load will fail. If it is false when loading it will load the group OVI file with no issues.

Fixed issues with Remove All OVI before Load option during template load

BUG00560 - Allow Manual Log Entry can be performed by any user

If Allow Manual Log Entry if false, the user can still create manual log entries.

User rights are now checked during Manual Log Entry for Analog Channels.

BUG00594 - OVI Object - Video Feed - cannot align with snap to gridline

Fixed Video feed control to allow snap to grid functionality to work as expected.

BUG00596 - OVI object - HTTP object - Caption does not change with new text

Added Refresh and heading to HTML ovi Object

BUG00610 - Access not correctly showing Remote Information channel data

If a MCR is drilled down to a remote site and a status channel at that site is linked to an information channel, clicking on that status channel does not display the current information channel as expected.

Changed code to account for information channel association in status channels from remote sites.

BUG00614 - Data.GetChannel throws a type mismatch error when getting a channel by a string

The VBScript function 'Data.GetChannel', in rOVing and OVI's, throws a type mismatch error when getting a channel by name when the name beginning with a numeric character e.g.(1-9, +,-)

Fixed code in function to account for names with numeric characters.

BUG00618 - When copying SCL nodes it does not save the entry.

When paste of SCL note is done, the Save option is shown.

BUG00623 - When Auto save is enabled user is still prompted to save his changes

Code changed to disable the prompt if Auto save is enabled.

BUG00631 - Loading a template over an existing template adds notify devices again

If you have a template loaded on a site with notify plugs, then load a template that also had notify plugs, it adds the notify plugs instead of overwriting or Updating.

Fixed code to update existing notify plug-ins if they already exist.

BUG00633 - High CPU utilization with large Channel Count

Several changes and refactoring has been done to core code set to bring down the amount of CPU being used by the system.

BUG00634 - Daisy chained UIF32 and UIF32-L's timeout and control issues

Two issues have been found with daisy chained UIF32 and UIF32-L's during BUG00633 testing.

1) *If two or more UIF's are daisy chained and control commands are sent in quick succession to one of the units, the other box(es) will timeout.*

2) *When one box in the daisy chain times out channels for that box remain green, indicating the box is still active even thou it has been turned off.*

3) *When sending control commands in quick succession to a serial UIF-32 daisy chain it was found that the device plug-in would deadlock Axxess.*

Found code issue relating to all issues stated. Also refactored code for better CPU performance when data from UIF-32 boxes isn't changing.

BUG00636 - SCL Set Control to Off when control is already off sets control to On

Changed the wording and operation of the SetControl 'SCL'. The user can no longer select the control operation as part of the SCL command.

BUG00646 - When analog meters on second page change to L2 the first page meters flash

Added code to only update MainScreen if the Analog channels alarms levels actually change. Also found that if an OVI was open it would never be updated with the new alarm levels, if set via an scl. Added code to make this now display.

BUG00648 - Local SCL that operate with a remote sites channels do not work

Code for the If Status, Analog and Control were referencing a non existent value.

BUG00649 - Time to load site data from Database very slow when channel count is high

Changed the way channels and connections are loaded from the database this improved loadtime and CPU utilization.

BUG00650 - StcBase performance very slow when dealing with two or more large remote sites

Changed the method in which remote site configurations are stored into the database. This improved the save time for adding or updating remote site via StcBase.

BUG00651 - Templates load even thou the device plug-in(s) required are missing

Added code to check the templates being loaded against the plug-ins loaded in the system. If one or more are missing the user is now prompted with the details of the missing plug-ins.



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Also added a check to notify the user that the template contains Channels but no Connections.

BUG00655 - System Info not displaying files from the depends.xml file

*Code changes for Unicode broke the decryption code for the depends.xml file.
This has now been resolved.*

New Functionality

REQ00573 - Addition of Market Site Contact details as per ATT NEMOS RFP

Added a Market ID Property for a site

Added a NOC contact and email

Added a Site Manager1 and Site Manager2 name and email

REQ00584 - Customer requested away to identify the Last Template loaded into site

*Four new information channels have been added to the STC_DBASEDP.DLL
device plug-in that allow the user to display the Last and Previously loaded Site
and OVI templates.*

Release notes for Axess Build 3001

Bug Fixes

BUG00611 - OVI object - Acknowledge Bar - Comment field does not work

Code for adding comment string into the alarms collection was missing in all but the Event channel.

Added code to Axess to add the comment string to the alarms collection.

The use of the Comment property in the OVI Ack object is used to specify a single field from a XML document stored in the alarm collection. This is generally the case when used with an event channel and a parsing script like what is done with PixelMetrics and SNMP traps.

BUG00661 - Channel summary object has to be resized for Heading to be displayed

Channel summary GUI refresh fixed, to show changes made to settings.

BUG00662 - Changing the columns to display in the log viewer causes no events to display

Need to force reload after column changes.

BUG00665 - Error thrown when you attempt to load a group OVI as a single OVI template

Template is being checked for validity, during OVI template load.

BUG00666 - Error thrown at shutdown if only the OVI is open.

If Axess is running with only the OVI screens open and not the Main Screen then you force Axess to close, as is done if you logoff as a user from windows, an error dialog box is displayed. This is not the case if the Main screen is open.

Fixed OVI code to prevent this from happening.

BUG00671 - Icon conversion being run even thou it had been run in a pervious upgrade

If a site had previously had it's Icons converted but the ChannelParmNameID = '4' wasn't deleted from the database the IconConversion is run again when 3001 is installed. Resetting the Icon back to where they were before last IconConversion was run.

Added code to prevent this from happening.

BUG00672 - SNMP Northbound cause Axsess to lockup on startup if enabled with default XML

If a site has both the SNMP northbound and SNMP management, i.e. device plug-in loaded and enabled. Axsess can at times deadlock at startup.

Removed the default 127.0.0.1 manager entry in the SNMPPAgent.xml file to prevent this from occurring.

BUG00675 - Not all Analog Channels log to the Analog logs.

This happens when one or more Analog channels are not enabled due to them not being assigned to a connection or the connection they are assigned to is disabled.

Added code to the logging functions to check for runtime value before adding the channel to the log.

BUG00676 - If Compare as String is false the compare is still done a string not numerically

If a status or control channel has the 'Compare as String' property set to false and you do a greater than or less than operation on numeric values, Axsess still does the compare as a string value instead of a Numeric value.

Changed code to properly evaluate as a Numeric value if the test as String property is false.

BUG00678 - Calibration of remote Analog channel no longer working

Fixed code to allow for remote calibration of meters.

BUG00679 - The Ack all button of the basic Ack bar in OVI is not working as expected

If a user presses the 'Acknowledge All' button of the basic Ack control in an OVI, it doesn't just send a Ack All command to the remote site, it loops through each item in the list and Ack's each one individually. This causes the Event log to be filled up with several Ack items.

Changed code in the Basic Ack bar to match the detailed Ack bar Ack All button.

New Functionality

REQ00645 - Crystal Reports (Print button) in Event viewer has no way to Filter events



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Added a new property to the Event.xml report file to allow the user to filter by the event type. If the user had already selected filters in the LogViewer these will be applied to the report automatically.

REQ00658 - After a restore MSMQ2005 needs to be reloaded manually

Added code to StcBase.exe that at the end of a successful restore operation it will delete the StoredProcedure.sql from the SetVersion Table. This will force Access to run the StoredProcedures.sql next time it runs.

Changed Functionality

CHG00668 - Need to add an About tab to the OVI screen so an Accurate user can relicense

Added About tab on Accurate and Roving OVI screens.