

# MicroSCADA Pro SYS 600 9.3 FP2 Hotfix 3 Release Note

## Products

MicroSCADA Pro SYS 600 9.3 FP2

## Description

The Hotfix includes corrections for the following issues:

### 1. Base system, Network topology calculation

The communication between the kernel and the OPC DA Server could stop working ('OPC Server closed:0'). This could happen in large systems with big overview displays if the communication to IED's was lost or re-established while large overview displays were shown.

### 2. Communication, OPC DA client IEC61850

During and after recovery of communication break with IED the status of measurements with range (limit checking in IED) were not updated correctly. This was seen e.g. as incorrect color coding of the measurements in process display.

### 3. Monitor Pro Application Frame

Alarm Notifications / Auto-logout functionalities could stop working if the computer has been in sleep or hibernation state.

It was not possible to localize the header of message boxes coming from Monitor Pro application window. A new text with ID 127 ("Monitor Pro") is located in the resource file FrameWindow\_EN.dll.

With operator access rights it was possible to create/delete files and folders in the File Open/Save/Select dialogs. This is now disabled and the dialogs have also been harmonized.

### 4. Monitor Pro, Process Display

It is now possible to locate objects in Process Displays from VisualSCIL dialogs. This can be done with the LOCATE\_OBJECT identifier in SendDisplayCommand function. See Application Design manual for more information about SendDisplayCommand usage and parameters.

It is now possible to modify own user specific shortcuts in Process Display Visibility dialog with authorization level  $\geq 1$  in GENERAL group. To modify Application specific shortcuts requires authorization level  $\geq 2$  in GENERAL group. Other users' shortcuts can be modified with authorization level 5 in

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GENERAL group (no change).

Control Dialog related Application Settings did not work properly if the user logs in to several applications in the same Monitor Pro session.

The symbol file name has been added to the Find results in Monitor Pro.

Temporary zoom areas were sometimes not cleared correctly between user sessions.

When Monitor Pro sessions were used in workstations with different screen resolutions it could happen that the Monitor Pro window was placed outside the visible area. The same could happen also for floating toolbars.

## 5. Event Display,

Navigating between event sets did not work properly if all events in the event set had same time stamp.

## 6. Measurement Report, Display

Week reports using base period history length of one year could hang when navigating to the first week of the year.

The last saved user specific Report did not show up in the Navigate/Reports sub menu.

Application and user specific report pre-configurations are separated by separator line in the Navigate/Reports menu.

## 7. Measurement Reports, Configuration.

It was not possible to configure empty columns in the Report Page. This can be used as a kind of separator between columns.

The SCIL operation check was too strict e.g. preventing the usage of variables not declared in the SCIL program itself.

The menu construction was not always done in the correct alphabetical order.

The Measurement Report upgrade dialog was shown each time the Measurement Reports node was selected in the Object Navigator, as long as the report were not upgraded. Now the upgrade dialog can be suppressed but it can be released again from the file list context menu.

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**NOTE!** Keeping older version prevents any modification to the existing configuration.

Obsolete Report Objects types EN and GA are not supported anymore in the Measurement Reports package of 9.3 FP2. Object of these types were ignore during the upgrade but will now be converted to "Measured Period (MP)" type instead.

In case the common Report data read procedures BGU\_READSF and BGU\_READPF from classic LIB510 Measurement Reports are used in an application they will be upgraded so that they can still be used also with the new Report Configuration database.

## 8. Trends Application, Trend basket

Changing the trend number without saving current configuration in Trend settings dialog occasionally caused Monitor Pro to hang.

## 9. Measurement Reports and Trends, Legend

Legend column names can be localized now.

**NOTE!** The Reports and Trends specific attribute names can be found in Measurement or Trends resource dll

- sc\prog\sa\_lib\en\TrendApp\_texts\_EN.dll

- sc\prog\sa\_lib\en\MeasReport\_texts\_EN.dll

The common attributes as e.g. OI or OX in the text database:

- sc\sys\active\sys\_\sys\_text.sdb

## Dependencies

This Hotfix should only be used with SYS 600 9.3 FP2.  
If not already done first install Hotfix 1 and 2 for 9.3 FP2

## Recommendation

It is recommended to install this Hotfix in all SYS 600 9.3 FP2 systems.

## Installation

### To install the Hotfix:

1. Stop the SYS 600 system
2. Run the installation program SYS600\_93\_2\_HF3.exe

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Note! In Windows Server 2003 the installation must be started by using the Windows Add or Remove Programs utility. The Hotfix will install the following new files or file versions:

```
sc\Stool\AplBuild\OBJMR_LIB.VSO
sc\Stool\AplBuild\OBJMR.VSO
sc\Stool\AplBuild\OBJMRRO.VSO
sc\Stool\AplBuild\OBJMRRP.VSO
sc\sa_lib\base\reports\use\BGU_READPF.CIN
sc\sa_lib\base\reports\use\BGU_READSF.CIN
sc\sa_lib\base\reports\use\bmu_updt.txt

sc\prog\sa_lib\Actbar3.ocx
sc\prog\sa_lib\SDIActiveBar.tb2
sc\prog\sa_lib\FrameWindow.exe
sc\prog\sa_lib\FrameWindow.ini
sc\prog\sa_lib\en\FrameWindow_EN.dll
sc\prog\sa_lib\MSLIB500Options.dll
sc\prog\sa_lib\en\Options_EN.dll

sc\prog\sa_lib\alarmctl.dll
sc\prog\sa_lib\blockingctl.dll
sc\prog\sa_lib\eventctl.dll
sc\prog\sa_lib\ea\listcomm.dll
sc\prog\sa_lib\en\alarmctl_EN.dll
sc\prog\sa_lib\en\blockingctl_EN.dll
sc\prog\sa_lib\en\eventctl_EN.dll

sc\prog\sa_lib\TrendApp.dll
sc\prog\sa_lib\Basket.dll
sc\prog\sa_lib\en\TrendApp_texts_EN.dll
sc\prog\sa_lib\MeasReport.dll
sc\prog\sa_lib\en\MeasReport_texts_EN.dll

sc\prog\OPC_Client\DA_Client\daopccl.exe

sc\prog\exec\ddex.exe
sc\prog\exec\file.exe
sc\prog\exec\HCLXAW.dll
sc\prog\exec\HCLXM.dll
sc\prog\exec\HCLXT.dll
sc\prog\exec\inet.exe
sc\prog\exec\mtfl.exe
sc\prog\exec\netc.exe
sc\prog\exec\neti.exe
sc\prog\exec\oaec.exe
sc\prog\exec\oaes.exe
sc\prog\exec\opcc.exe
sc\prog\exec\OPCS.exe
sc\prog\exec\oseh.exe
sc\prog\exec\pica.exe
sc\prog\exec\picg.exe
sc\prog\exec\picl.exe
sc\prog\exec\picn.exe
sc\prog\exec\pico.exe
sc\prog\exec\picv.exe
sc\prog\exec\picx.exe
sc\prog\exec\prin.exe
sc\prog\exec\prnc.exe
sc\prog\exec\proc.exe
sc\prog\exec\prof.exe
sc\prog\exec\pros.exe
sc\prog\exec\repf.exe
sc\prog\exec\REPL.exe
sc\prog\exec\repr.exe
sc\prog\exec\scil.exe
sc\prog\exec\scs.exe
sc\prog\exec\scspica.dll
sc\prog\exec\scspico.dll
sc\prog\exec\scssh.dll
sc\prog\exec\sysm.exe
sc\prog\exec\shad.exe
sc\prog\exec\vidc.exe
sc\prog\exec\XLIB.dll
```

## To uninstall the Hotfix:

1. Stop the SYS 600 system
2. Run the installation program SYS600\_93\_2\_HF3.exe /r
3. Re-install the main product SYS 600 9.3 FP2.