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**CAMERON**
A Schlumberger Company

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## GENERAL LETTER GL18 123
## Scanner 3100 firmware upgrade and Programmable logic IDE installation notes

It is with pride that Cameron offers significant new firmware capabilities for the Scanner 3100 including;
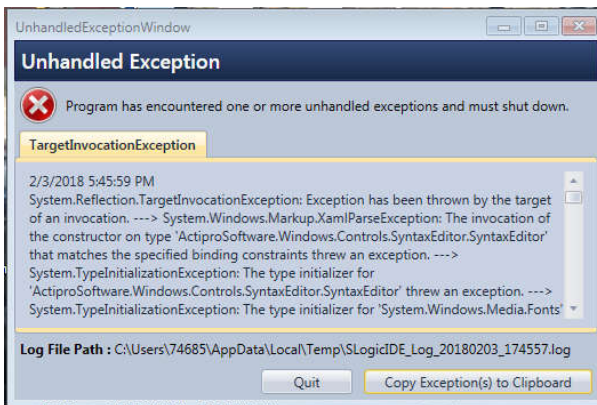
- Comprehensive Programmable logic control.  Application development is performed within the IDE software
- Speed of sound computations for use with ultrasonic flow meters
- Steam, hot and chilled water calculations
- A PID controller with pulse output

Firmware
The new firmware S3100_G1_3000.bin may be locally or remotely installed using ScanFlash Software 3.3.0.  In this upgrade, the boot loader is replaced in the 3100 which prevents the 3100 being reverted to a previous firmware version.

IDE Software
During the initial boot of the programmable logic Integrated Development Environment (IDE) program it is possible to receive this error.



The cause of this error is a result of a transitional Microsoft Windows change.

Replacing the file GlobalUserInterface.CompositeFont in the following two directory locations with the file of the same name as found on the Scanner 3100 webpage will correct this error.

  C:\Windows\Microsoft.NET\Framework\v4.0.30319\WPF\Fonts
  C:\Windows\Microsoft.NET\Framework64\v4.0.30319\WPF\Fonts

As reinstallation may be required after receiving an error message replacement of GlobalUserInterface.CompositeFont in advance is recommended as a preventative action

Other Software
To match S3100_G1_3000.bin firmware, Scanner Data Manager, ScanMap and ScanFlash software programs have also been upgraded and are available from the Scanner 3100 webpage.

Additional support is available at  ms-services@cameron.slb.com or at 1 844 226 6327.

Yours truly,
CAMERON


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