

## Keysight i3070 09.00pa Software Patch

---

<b>Software Release Date:</b>	October 2015
<b>System Requirements:</b>	Keysight i3070 test system or test development workstation
<b>Controller Requirements:</b>	Windows PC
<b>Operating System:</b>	Microsoft Windows 7
<b>Software Requirement:</b>	Keysight i3070 09.00p

This software patch should only be applied to test systems or test development workstations installed with i3070 software version 09.00p. Please be aware that test programs compiled after applying the patch is **not backward compatible** with older software revisions.

Change requests and enhancements addressed in this release are as follows:

Change Request	Description
399207	BTI - Improved response for editing big files e.g. approximately 75K lines
398971	BTI - Added functionality to create and save new file types
381851	BTI - Editor window now shows i3070 file type when it's being loaded, ability to identify BT-Basic or simple text files.
381853	BTI - Added functionality to convert text file to standard i3070 file types and vice versa
381861	BTI - Added ability to execute a modified testplan without saving
381873	BTI - Support clearing of output panel with the command: print using ""@"" "
362796	Java GUI - Fixed part description pin numbering
382183	BTI - Added ability to copy text from Repair Ticket Window
382187	BTI - Fixed freezing when command "report is window" is used
381885	BTI - Smart suggestion enhanced to differentiate BT-Basic commands and variables by color
381898	BTI - Testplan editor no longer jumps to back to first line during debug
381905	BTI - Package/Extract now supports comment entry
401099	BTI - Watch variable value now gets updated on subsequent testplan execution

## Keysight i3070 09.00pa Software Patch

Change Request	Description
394795	BTI - Option to turn off smart suggestion for advanced users
394796	BTI - Words found in a "Find" operation will have their positions marked beside the vertical scroll bar
372723	BTI - Added options to clear First Pass Yield (FPY) and Worst Probe Report(WPR)
381889	BTI - Enhancement on clearing output and repair ticket panel
407820	BT-Basic - Support for commenting baseline
432207	BTI - Fixed writing string to file with the "echo" command
432507	BTI - Fixed code folding for "if" statements
324689	BT-Basic - Fixed board graphics display when a "@" is used as part of the reference designator
407739	BT-Basic - Load a board in Java GUI for inline un-mux testhead
368231	BTI - Software now prompts a notice if user tries to re-load a opened project
381877	BTI - Enhanced editor's output panel to show errors, warnings and failing line numbers in red
430255	BTI - The list of supported file types in "Save As" dialog box is now sorted alphabetically
421972	BTI - Bookmarks can now be performed on commented lines
433045	BT Basic - Resolved issue where launching Java GUI will result the error message "Error VM could not reserve enough space for object heap"

### Installing 09.00pa Software Patch

The software patch must be installed using the Administrator login (or a login with administrator privileges).  
Perform the following steps:

1. Save Keysighti3070\_0900pa.exe to the hard drive.
2. Close and exit all open programs.
3. Double-click Keysighti3070\_0900pa.exe
4. Follow the on-screen instructions for installation.
5. Validate that the software is installed correctly:
  - a. On the Start Menu, select Programs-> Keysight ICT-> Korn Shell
  - b. In the Korn Shell window, type *version* and press Enter.

The following software revision should be displayed:

Keysight i3070 09.00pa 0315 WN

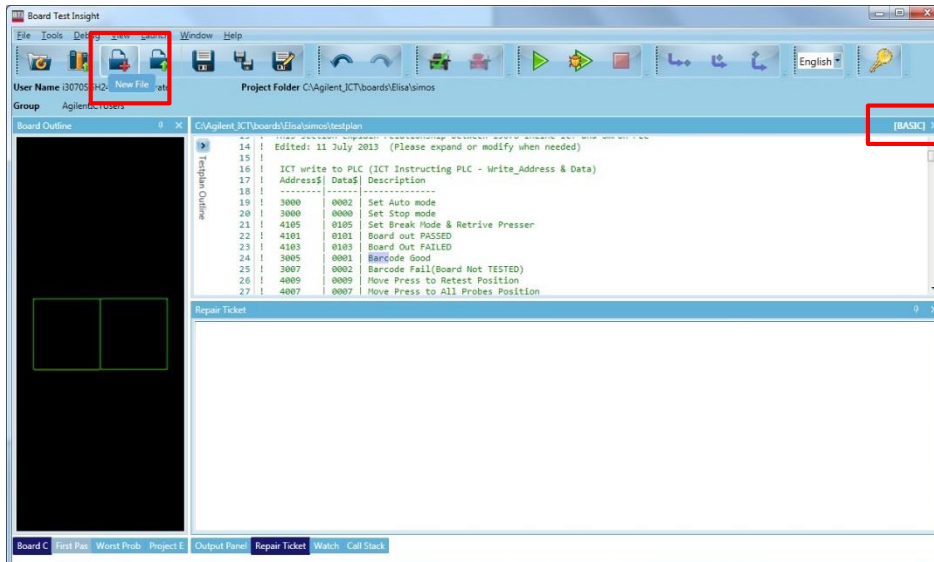
## Additional Notes

### CR398971, CR381853 and CR381851

BTI now supports new file creation within the editor, which can be saved as analog; BT-Basic; configuration; digital; pins; safeguard; shorts; states; testorder; text and wirelist.

The file types are also automatically identified and labeled at the right hand corner of the editor window.

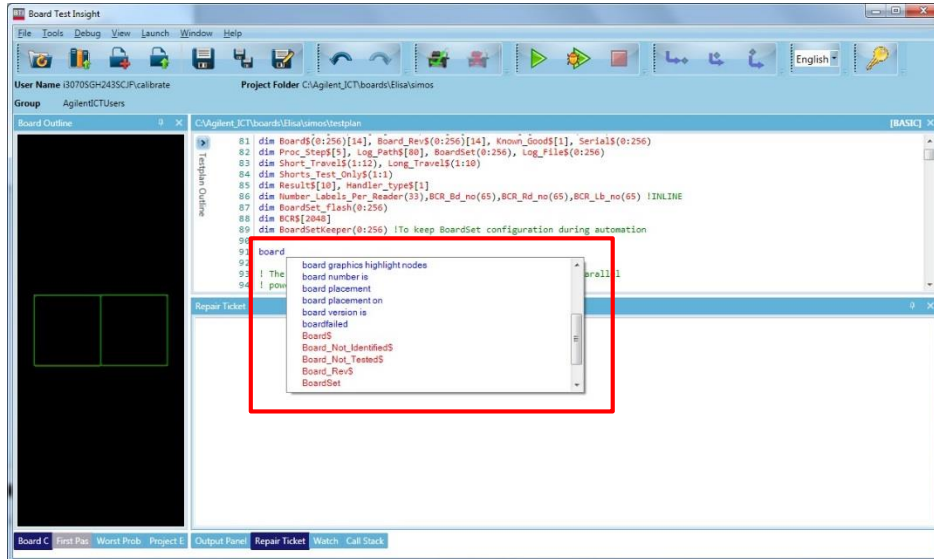
Figure 1: Creating a new file within BTI



**CR381885<sup>2</sup>**

Smart Suggestion now provides different colors for BT-Basic commands and variables for easier identification.

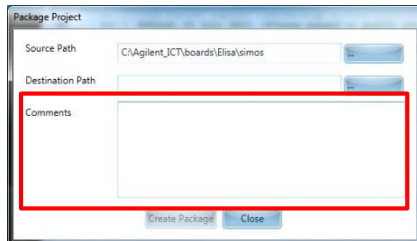
**Figure 2: Smart Suggestion**



**CR381905<sup>3</sup>**

Users have the ability to add comments while packaging a project, the entered information will be displayed during extraction.

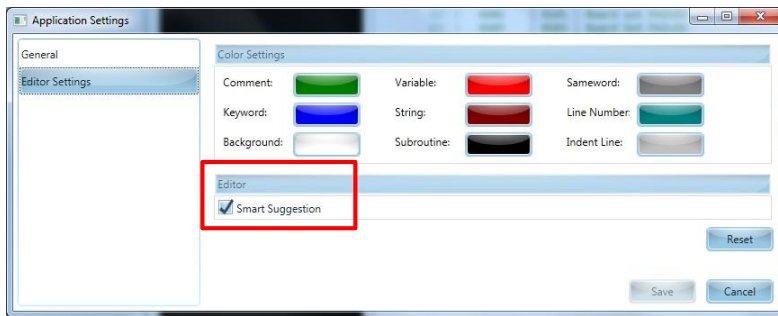
**Figure 3: Packaging a project**



**CR394795**

Advanced users are now able to turn off smart suggestions, by toggling the option via: Tools->Settings->Editor Settings

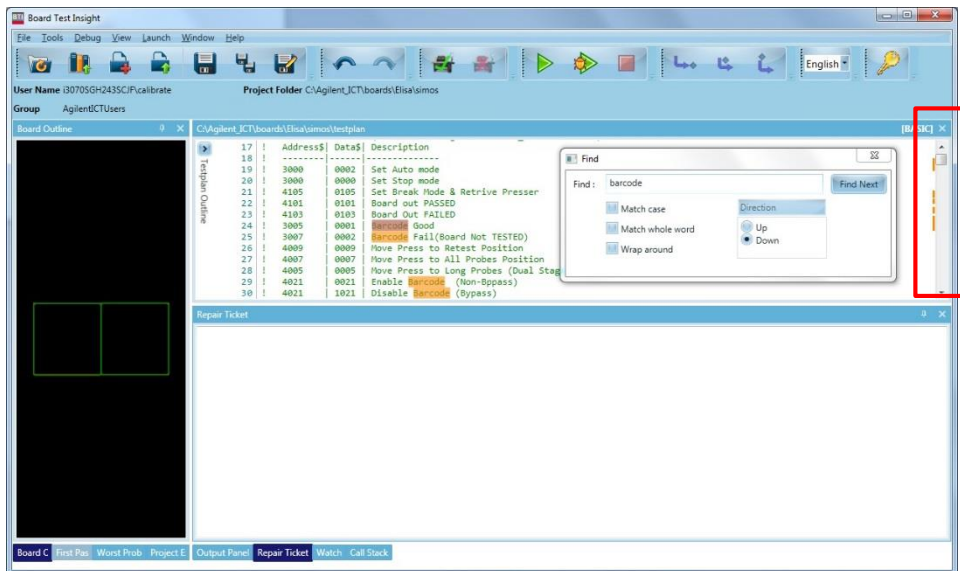
**Figure 4: Turning off smart suggestion**



**CR394796<sup>5</sup>**

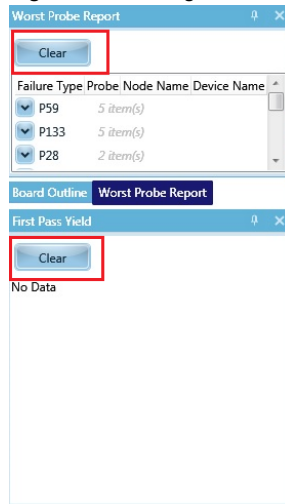
When a *Find* operation is successful, additional marks will appear along the vertical scroll bar indicating location(s) of the text/word.

**Figure 5: Marking locations for found text**



**CR372723**

Users can now reset both First Pass Yield (FPY) and Worst Probe Report (WPR) via “Clear” buttons.

**Figure 6: Clearing FPY and WPR****CR381889**

Upon completing a board test, if there is a `'wait for start'` statement in the testplan, both Repair Ticket and Output Panel will be cleared before commencing the next test.

If there is no `'wait for start'` statement, the Output Panel will be cleared, the Repair Ticket Panel's information will be continuous, with an additional separator inserted between results.

**CR407820**

BT-Basic now supports adding comments during baseline or revision creation.

## Usage:

```
baseline create on all, "insert comments here"
```

```
baseline update <file>, "insert comments here"
```

All the files that are added or updated will be placed in the '`<boarddir>_baseline_comments'` file, with the latest additions saved at the beginning of the file. Each entry will contain:

```
<date> <time> <filename> <revision> <comment>
```

## Examples in the comments file:

```
`baseline create on all', "creating the baseline"
```

```
6/13/2015 23:55:54 analog\c1 1 creating the baseline
6/13/2015 23:55:54 analog\j5 1 creating the baseline
6/13/2015 23:55:54 analog\j5.o 1 creating the baseline
6/13/2015 23:55:54 analog\qf201 1 creating the baseline
6/13/2015 23:55:54 analog\qf201.o 1 creating the baseline
6/13/2015 23:55:54 analog\r1 1 creating the baseline
6/13/2015 23:55:54 analog\r2 1 creating the baseline
6/13/2015 23:55:54 analog\r2.o 1 creating the baseline
6/13/2015 23:55:54 analog\r3 1 creating the baseline
6/13/2015 23:55:54 analog\r4 1 creating the baseline
6/13/2015 23:55:54 analog\r4.o 1 creating the baseline
6/13/2015 23:55:54 analog\s1 1 creating the baseline
: : : : :
6/13/2015 23:55:54 wirelist.o 1 creating the baseline
```

```
`baseline update "wirelist.o"', "updating this file"
```

```
6/14/2015 10:51:24 wirelist.o 2 updating this file
```