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GENERAL INFORMATION

KIGEM version 5.7.2b is the second release of KIGEM for the Model S530 Parametric Test Systems. Keithley Instruments engineering support is required for installation of KIGEM version 5.7.2b.

SUPPORTED VERSIONS

- This software release is for KIGEM version 5.7.2b.
- S530 KTE version v5.7.2 is required for the KIGEM software. The S530 KTE software must be installed in the Linux® computer before installing the KIGEM software. KIGEM version 5.7.2b does not support other versions of the S530 KTE software.
- KIGEM version 5.7.2b uses PEER Group's ConX300TM v5.17 and Hume DMH84.

VERSION 5.7.2B

CHANGED AND ADDED FILES

Note: The \$KIHOME environment variable is set through the S530 KTE software. KIGEM adds or updates the files and User Access Points (UAPs) shown in the following table.



Name	Property
\$KIHOMEDAT/ki300.gcd	File
\$KIHOMEDAT/ki300.gcp	File
\$KIHOMEDAT/kigem.gwa	File
\$KIHOMEDAT/kigem_HSMS.cfg	File
\$KIHOMEDAT/kigem.ini	File
\$KIHOMEDAT/kigemreg.txt	File
\$KIHOMEDAT/plans/kigem.uap	File
\$KIHOMEDAT/plans/local.cpf	File
\$KIHOMEDAT/plans/remote.cpf	File
\$KIHOMEBIN/install_kigem_usrlibs	File
\$KIHOMEBIN/S85kigem	File
/etc/init.d/kigem	File
/etc/sudoers	File
/etc/sysctl.conf	File
\$KIHOMEGEMBIN/gwgem	File
\$KIHOMEGEMBIN/gwalog	File
\$KIHOMEGEMBIN/sdr	File
\$KIHOMEGEMBIN/sdrl	File
\$KIHOMEGEMBIN/sdrlp	File
\$KIHOMEGEMBIN/cfgsdr	File
\$KIHOMEGEMBIN/gw300	File
\$KIHOMEGEMBIN/gwclean	File
\$KIHOMEGEMBIN/kigemUpdate	File
\$KIHOMEGEMBIN/kisa_iniUpdate	File
\$KIHOMEGEMBIN/kigem	File
\$KIHOMEGEMBIN/kiext	File

Name	Property
\$KIHOME/gem/bin/kimsg	File
\$KIHOME/gem/log/installation.log	File
\$KIHOME/gem/.kigem_setup	File
\$KIHOME/gem/.kigem_version	File
\$KIHOME/gem/doc	Folder
\$KIHOME/gem/lib	Folder
\$KIHOME/src/KGAPLIB	Folder
\$KIHOME/src/KIGEMUAP	Folder
\$KIHOME/dmh/gem/prbhost	Folder
\$KIHOME/dmh/gem/prober	Folder

RESOLVED ISSUES

Issue number:	SEC-7
Symptom:	The KIGEM installation file <code>install_kigem_147017.sh</code> does not check the S530 KTE version. Installing KIGEM on an incorrect version of S530 KTE software is reported as successful but results in errors when you try to run it.
Fix:	This issue has been fixed. You are unable to install KIGEM on an incorrect KTE version.
Issue number:	SEC-8
Symptom:	The environment variable <code>KI_KIGEM_VERSION</code> is not set when KIGEM is installed. You cannot easily check the version of KIGEM that is installed by checking the Linux® environment variable.
Fix:	This issue has been fixed.
Issue number:	SEC-9
Symptom:	KIGEM only supports the ACCRETECH UF3000 prober. See Enhancements below.
Fix:	This issue has been fixed.

ENHANCEMENTS

KIGEM now supports the TEL Precio prober (P12, P12 XL) as well as the ACCRETECH UF3000(Ex) prober.

KNOWN ISSUES

Issue number:	SEC-10
Symptom:	KIGEM only supports 300mm SECS/GEM. The 200mm SECS/GEM is presently not supported.
Workaround:	None
Issue number:	SEC-11
Symptom:	E90 events are only partially supported.
Workaround:	Contact Keithley Instruments for customizations if additional E90 support is needed.
Issue number:	SEC-12
Symptom:	If many multiblock communications are requested between the Fab host and KIGEM, such as raw result transfer, you need to provide sufficient delivery time for KIGEM and the ConX300 in order to guarantee all data are transferred. Typically, the KTE test plan (KTM) guarantees enough time for data transfer.
Workaround:	Allow additional time for many multiblock communications.
Issue number:	SEC-13
Symptom:	You must log in as <code>kthmgr</code> to run KIGEM.
Workaround:	Contact Keithley Instruments for customizations if more control of log in levels is required for different types of operators.