

## Countdown to Launch the LXI Reference Design

We proudly announce that the testing phase of LXI Reference Design has been finished by the end of 2015. During the year the completed code was modified and refined, as feedback was given by the members of the LXI Consortium. After this process the LXI Reference Design was passed to testing where all tests have been passed successfully. Currently the documents to the LXI

Reference Design are being modified and completed for the launch of version 1.0. Meanwhile work was started on the LXI Standard 1.5 which is currently in the review phase. This will be one of the major topics at the San Diego Plug Fest at the end of February.

Now, at the beginning of 2016, we are glad to be close to launching the LXI Reference Design Version 1.0.

### Who is TSEP?

TSEP is a software and hardware development company, which was founded at 1988 and employs more than 20 staff members with different skills.

TSEP develops complete solutions for measurement devices and test systems.

TSEP has the first experiences with LXI were in 2005 while implementing the LXI Standard 1.0 for a measurement company. Over the years, TSEP has implemented the complete standard and is now working on the reference implementation for the LXI Consortium.

### What's going to happen in 2016?

At the San Diego Plug Fest or short after it, it is planned to release the Version 1.0. At the same time new and additional

features for the LXI Reference Design will be discussed and voted for.

### What is next in the LXI Reference Design?

Some new features have been talked about already and might be added to the next version of the LXI Reference Design:

1. Generalizing the build system
  - A hot favorite here would be CMake
2. Create an interface for the network settings

3. Create a generalized dynamic interface for Webservers

On all three topics it will be necessary to wait for the outcome of the vote at the San Diego Plug Fest for certainty.

### Windows 10 and the LXI Reference Design

The LXI Reference Design has been developed for Windows 7 and Linux. Nonetheless, first tests have been run on Windows 10. So far the tests have been

successful, but full verifications for Windows 10 are yet to be done.

## How is TSEP going to support vendors?

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Now LXI members can begin to integrate the LXI Reference Design into their firmware. We are happy to offer support according to their needs:

- On a consultancy basis we can offer training for vendor developers. This can cover understanding the concepts, configuring the LXI Reference Design, introducing unit tests and giving an overview of the Conformance Test Suite. After that, vendor developers will be in

charge of their respective projects, with TSEP assistance on demand.

- We can offer premium support: Vendors may contact TSEP directly in case support is needed for integrating LXI Reference Design into their firmware.
- Alternatively, we can take over the integration of the LXI Reference Design into vendor firmware.