

## Newsletter June 2017

This newsletter is presenting the most recent developments of the engineering consultancy Borst Automation and the currently provided services.

### New: HartTools 7.5

#### HartTools 7.5

- ✓ Windows 7, 8, 10
- ✓ .NET 4.5, Visual Studio 2013
- ✓ FrameAlyst, HartDLL, HartX,
- ✓ SlaveDLL and SlaveX
- ✓ HartSlave written in C#
- ✓ Monitor Interface for Tests

The main issue of HartTools 7.5 is that the software is tested under Windows 10. The examples are moved to Visual Studio 2013 and they are using .NET 4.5.

Most of the interfaces remained unchanged compared to HartTools 7.4. Only the slave device simulation is now realized as a class library. The communications are implemented in a native DLL. The DLL is interfaced by a SlaveX component and the device simulation source code is written in C# to allow the user to easily provide some special slave implementation.

A slave device simulation therefore could also be written in Visual Basic.

If you like to get more information about the new product, please point your browser to:

<http://www.borst-automation.de/products/>

If you like to test the software package you may download the latest revision from our homepage.

<http://www.borst-automation.de/downloads/>

### New: HartTools 7.5 (Source Code)

In the past we were getting a few requests, if it is possible to provide a master stack for Linux or some kind of an embedded system. To make this possible we are now offering the source code of the HartTools 7.5. Please refer to our quotation if like to see more details.

<http://borst-automation.com/quotations/Quot-HartTools-7.5-Source-Code.pdf>

### VDT (Virtual Device Testing)

In the recent years I have found that testing is still a problem. It is often difficult to test code which was written for behavior in erroneous situations. The easiest way to test this device behavior is to use a device simulation. In most cases this could be done in a way which allows to use more than 90 % of the original code of the embedded system in the simulation. If you are interested in more details please send me an e-mail.

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### Free Capacity

I am also available for working directly in your project. I can offer services like development, design, testing, documentation, requirements management, trouble shooting, project planning and others. Please send me an e-mail with your project details if you are interested into my participation.

[walter.borst@borst-automation.de](mailto:walter.borst@borst-automation.de)

Best regards

Walter Borst