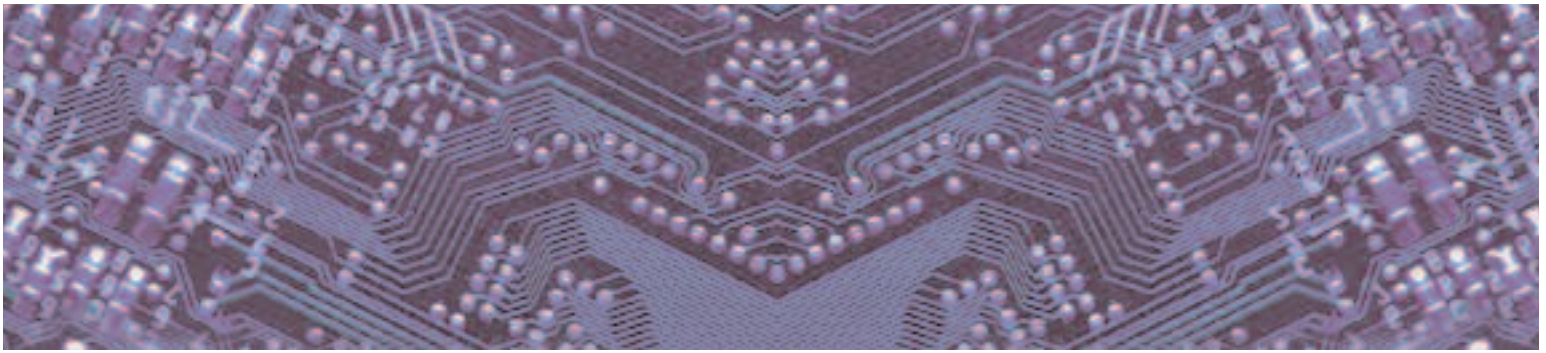


## **AT-442 HSE Analyzer Toolkit Professional Frequently Asked Questions**

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## **What is the HSE Analyzer Toolkit (HAT)?**

The HSE Analyzer Toolkit, or HAT, is a kit designed to ease development of HSE products, including linking devices and field devices.

## **What are the benefits of the HAT?**

Product developers can speed new Fieldbus products to market and take advantage of the growing demand for FOUNDATION technology. Since HSE packet decoding is built-in, there is no need to develop your own tool. HAT significantly reduces new product development time by helping engineers quickly find and diagnose errors in packets from HSE devices. In addition, it enables verification of correct device behavior against an HSE device provided in the toolkit.

## **What are the system requirements?**

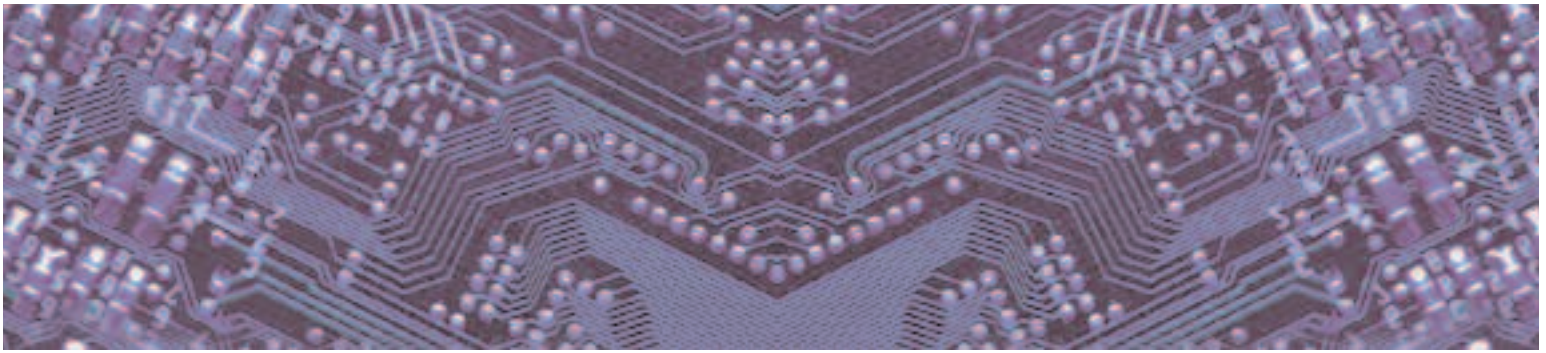
- Microsoft Windows 2000/XP Platform
- Network Interface Card

## **What products work with the HAT?**

You may want the HSE Interoperability Test Kit (HSE ITK) or HSE Conformance Test Kit

## **Are there optional components to the HAT?**

Yes. You can purchase additional seat licenses for use at different work stations.



### **What are some of the features of the HSE Packet Analyzer?**

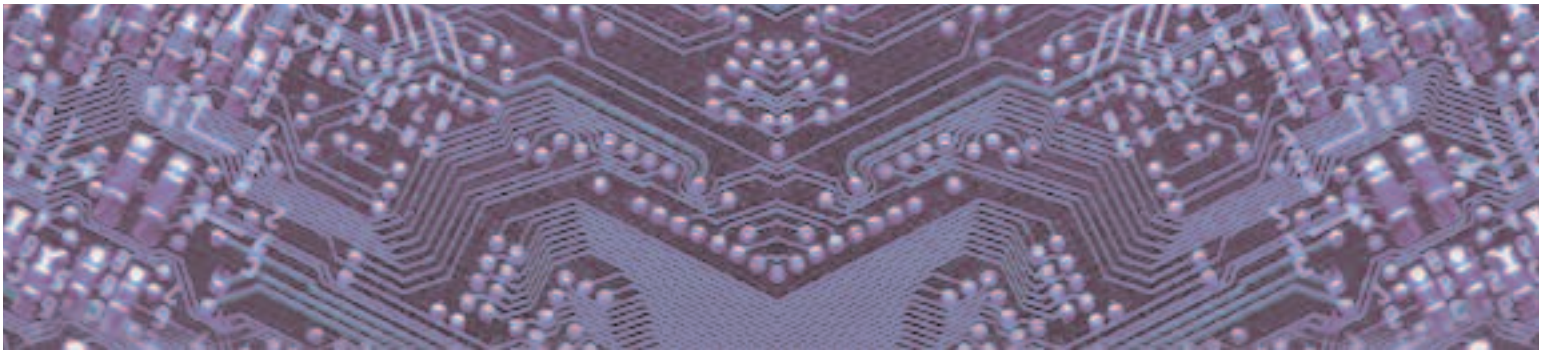
- Real-time decoding and display of HSE messages into plain text (including errors) speeds troubleshooting and development
- Symbolic message search makes it easy to pinpoint messages of interest
- Filtering by address or message type allows capture of user-defined traffic for analysis
- Pre- and post-filtering makes finding specific messages easy
- Save and load HSE Fieldbus message captures for later analysis
- Continuous message capture mode allows hands free monitoring
- Windows® 98, ME, 2000, NT, XP compatible.

### **What are some of the features of the sample HSE Field Device?**

- Field device provides device annunciation and publishing features needed for debugging
- Field device produces messages that have been validated to be correct
- Field device runs on any standard Windows® PC with an Ethernet interface

### **Will the tool have design/implementation examples?**

Yes. The HAT provides an overview tutorial on the Fieldbus Foundation integrated architecture as well as a top level design example based on a real device implementation. In addition to the top level design, the HAT provides the message structure for all of the HSE messages, including the ASCII C header files.



## **Where can I buy the HAT?**

Purchasing the HSE Analyzer Toolkit can be done by filling out an order form from the “Tools” page under the “Development Resources” tab in the FOUNDATION Technology section of our website ([www.fieldbus.org](http://www.fieldbus.org)). A company purchase order will also be needed with the order form. These items can be emailed to [sales@fieldbus.org](mailto:sales@fieldbus.org) or faxed to (512) 794-8893.

## **Who do I contact for purchases?**

Contact the marketing/sales department for purchase inquiries at [sales@fieldbus.org](mailto:sales@fieldbus.org)  
Or call at (512) 794-8890 ext. 21

## **How do I get support?**

You may e-mail [support@fieldbus.org](mailto:support@fieldbus.org).

Or call the Fieldbus Foundation at (512) 794-8890.

Questions may also be posted to the Fieldbus Forums at <http://forums.fieldbus.org/>.

**If you do not have access to the Fieldbus Forums and wish to join, please be sure to follow the instructions online at the forums site to do so. If you need assistance please contact us.**

