



VIRTEC is DISTek's ISO11783 compliant software library for implement controllers allowing communication with any tractor's ISOBUS display. VIRTEC provides off-the-shelf software solution conforming to the ISO standard while allowing full customization of OEM applications. Manufacturers are able to display information, control machine functions and develop innovative technology while maintaining full control of their intellectual property.

Make Your Implement Color Blind® with VIRTEC.



Availability

VIRTEC will be available *Summer 2013*. This release will support ISO 11783-6 for Version 3 Working Sets, excluding Annex J Auxiliary Control.

Technical Details

- VIRTEC is a software library developed in C; can also be used in a C++ application.
- VIRTEC is platform-independent; it works with most microcontroller platforms, operating systems, and ANSI C99 compilers.
- VIRTEC requires a minimum 16-bit microcontroller running at 40 MHz clock speed.
- VIRTEC memory usage is 12 KB RAM, 48 KB program ROM, and a minimum of 256 KB data ROM for object pools.
- VIRTEC can integrate with existing or custom developed application code, CAN device driver and other microcontroller and RTOS specific code.
- VIRTEC is compatible with ISOBUS object pools generated by commercially available tools.
- VIRTEC includes a well documented API and quick start guide.
- VIRTEC includes an example application provided as Windows source code for use with a USB-CAN adapter.

Pricing

Call for pricing information for a VIRTEC license.

Licensing Summary

VIRTEC is available for a single upfront licensing fee. There are no royalties. VIRTEC is not open source; intellectual property of all parties is protected. VIRTEC software and documentation may be used for the licensed product and may not be given or sold to any third party. *See the VIRTEC Software License Agreement for full terms and conditions.*

Support Options

The optional VIRTEC Annual Support and Maintenance Agreement includes Phone and email support, VIRTEC software updates covering enhancements, new features and compliance to future ISO 11783 standard revisions. *See the VIRTEC Software Support Agreement for full terms and conditions.*

Training

DISTek Integration offers training to engineers integrating VIRTEC into software projects. Call for details.

Custom Development Services

DISTek Integration offers complete custom system engineering and software development services to build a full ISOBUS compatible system for any machine or implement.

