



Epec ISOBUS Solution

MEMBER OF



Complete package for implement control system development

Epec control system products are well known in the mobile machinery markets for being reliable, flexible, high-performance and easy-to-use. By providing the total ISOBUS compatible control system solution for agriculture implement manufacturers, we can ensure that all the pieces work seamlessly together.

THE MOST FLEXIBLE SOLUTION IN THE MARKET

Epec's main focus with the ISOBUS solution is on the implement control systems' and implement ECU's functionalities. With the new ISOBUS solution, Epec will set a new standard for the agricultural machinery industry. We offer a complete package for implement control system development:

- Epec ISOBUS and SAE J1939 libraries to enable the ISOBUS communication between implement and tractor.
- Epec MultiTool for easy configuration of the implement control system including the ISOBUS communication.
- Software to create and download VT object pool binary together with CODESYS application to ECUs.
- Implement ECUs. Product versions, compliant with ISOBUS protocol, available in Epec 3000/4000 series.
- Epec ECUs are supporting easy-to-use object pool editor from third party supplier for creating VT user interface.
- Epec is a member of AEF (Agricultural Industry Electronic Foundation).

EPEC ISOBUS PROTOCOL COMPLIANT IMPLEMENT ECUS

- IP67 housing designed to be used in most demanding operating environments, to withstand high mechanical shocks and vibration up to 100G, extreme temperatures from -40 to +85°C and different chemicals.
- Tested to comply with strict EMC standards, including a type approval according to the automotive EMC directive.
- PRODUCT ORDER CODES: E30E3606-01, E30E3606-02, E30E3724-01 AND E30E3724-02

EPEC ISOBUS LIBRARY

The following ISO 11783 standard functionalities are implemented in Epec ISOBUS library:

- ISO 11783-3 Datalink layer,
 - ISO 11783-5 Network management, (*)
 - ISO 11783-6 Virtual terminal, (VT client **)
 - ISO 11783-7 Implement messages application layer, (***)
 - ISO 11783-10 Task controller, (TC client)
 - ISO 11783-12 Diagnostics services (*)
- * mandatory requirements,
** VT versions 2, 3 and 4,
*** Excluding Tractor control commands