

NetStax™ ExDK-SAFETY

ADDS THE FOLLOWING FEATURES TO THE ESDK OR EADK

Benefits

- Enables the EADK and ESDK to be used in non-CIP Safety and CIP Safety applications
- Tested with the HMS CIP Safety Stack and HALC by Pyramid and HMS

Features Include

- Integrates with the CSS through the CSAL/HALC layer
- Safety related parameters added to the connection configuration
- Safety related notification events are used to allow incoming safety messaging to be transferred to the CSS
- Safety connection validation and establishment
- Safety connection closing
- Safety IO data
- Object requests to Safe Application objects
- Safety API to allow safety events and messaging to be transferred from the CSS
- Safety connection validation result
- Safety IO data
- All non-safe ESDK and EADK functionality is maintained

The ESDK or EADK CIP Safety “Extension” is an optional add-on that provides the connection-related functionality and API to provide EtherNet/IP communications to the HMS / IXXAT (“HMS”) CIP Safety protocol stack (CSS), which must be licensed separately from HMS. All CIP Safety protocol is handled by the HMS CSS only and the EtherNet/IP communications are provided by the ESDK or EADK.

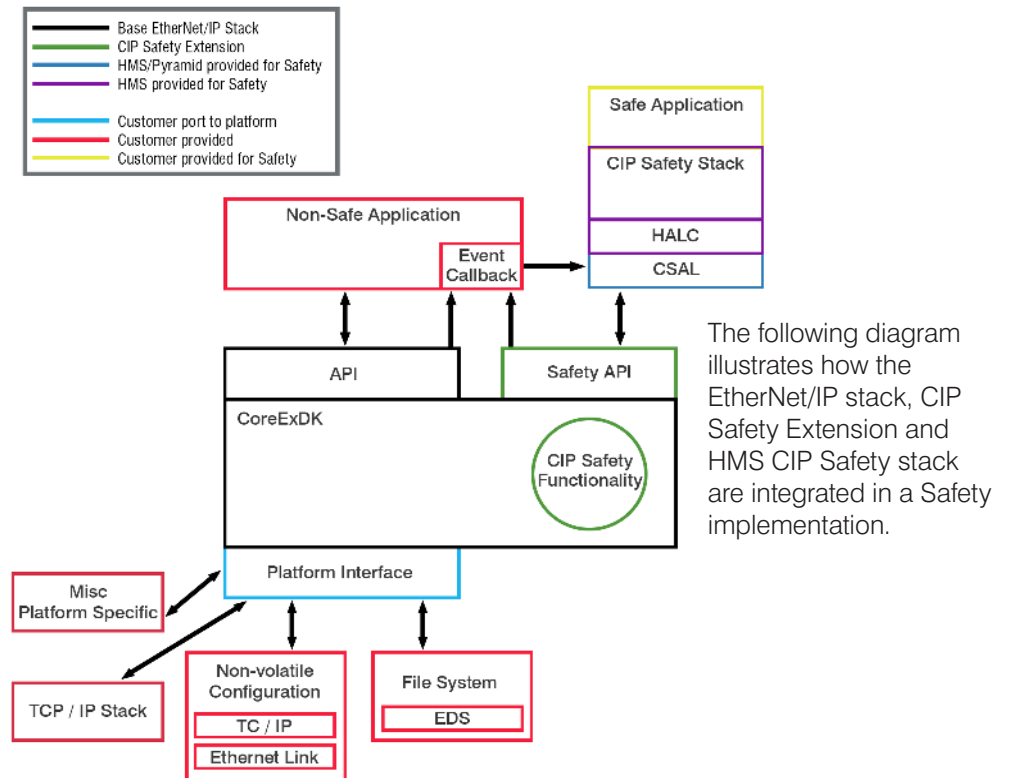
The CIP Safety Extension is a collection of source files that are linked with the EADK or ESDK and the HMS CSS.

The ExDK-SAFETY option comes with 12 months of download access to the latest version and built in phone / email tech support.

Additional services options are available to assist you with EtherNet/IP requirements, design, ESDK and ESDK-SECURE stack integration, pre-conformance testing and more.

This software solution created by our experienced developers has been thoroughly tested to ensure proper functionality and compatibility with EtherNet/IP conformance.

Safety and EtherNet/IP Stack Architecture



Product Ordering Information

The following part numbers have been provided for the ESDK and EADK CIP Safety Extension option:

For the ESDK: P/N ExDK-SAFETY-ESDK
For the EADK: P/N ExDK-SAFETY-EADK

PYRAMID
SOLUTIONS

*The ExDK-SAFETY option must be kept in Sync with the ESDK or EADK version