



HORNER
AUTOMATION GROUP

REMOTE I/O



**I/O EXPANSION FOR
ALL-IN-ONE CONTROLLERS**

THE INDUSTRY LEADER IN REMOTE I/O

EXPAND I/O CAPACITY OF OCS ALL-IN-ONE CONTROLLERS

By using remote I/O, Horner controllers offer easier programming, installation, development and set-up. Our controllers have a small footprint and can easily retrofit into an existing system with little effort.

OCS I/O

The OCS I/O series features an impressive remote I/O system with support for both asynchronous and synchronous scan. This newest product line features a selection of I/O modules with easy installation and wiring using Horner's signature technology. OCS I/O can be added to any current Horner OCS with the CNX bases or directly connected to Horner CPU products like the CPU 250 and 300.

SMARTRAIL

SmartRail expands the I/O capacity of OCS all-in-one controllers. SmartRail uses either CANbus or Ethernet communications and can be installed locally or hundreds of meters away.

SMARTBLOCK

Using CsCAN communications, SmartBlock I/O provides easy configuration and network expansion. Smartblocks often support higher accuracy analog and offer isolation. Designed to complement Horner SmartStix Digital I/O family, these two families can be used to expand the I/O capacity of any OCS.

SMARTSTIX

A cost-effective option as expansion or remote I/O and that is extremely compact and also uses CsCAN communications. The SmartStix offers easy configuration through rotary switches and Cscape programming software.

SMARTMOD

SmartMod I/O is a RTU/Modbus based I/O system designed to fill-out the I/O complement for applications utilizing any Horner all-in-one controller. As many as 31 modules may be daisy chained on a single RS-485 link. SmartMod I/O is DIN-rail mounted, powered from 10-30VDC, and features 2000vac optical isolation.

INDUSTRY LEADING ALL-IN-ONE CONTROLLER

Horner controllers provide the best all-in-one, affordable control solution for OEMs, integrators and end-users by combining robust, reliable control products with operator interface, I/O and networking into a single compact unit. The Horner controllers are designed to provide you with ease of use, cost savings and flexibility for your operation, no matter the application.

With proven success across a wide variety of applications, our all-in-one PLCs with HMI are ideal for:

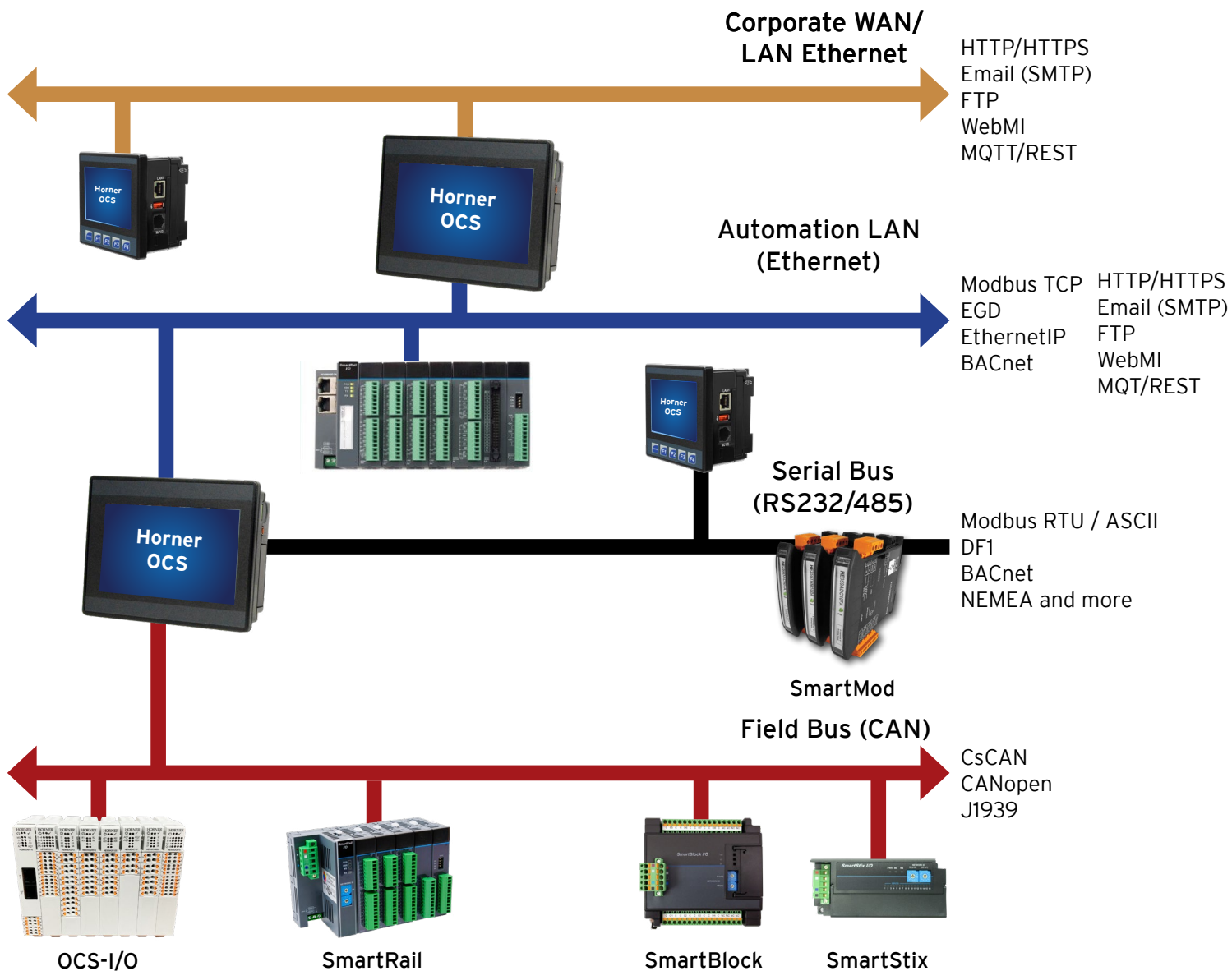
- Custom OEM products
- Power management & back-up generation
- Semiconductor applications
- Packaging machinery
- Water treatment
- Compressor control
- Pump control
- Food processing
- Motion control
- Distributed conveyor control
- HVAC/Environmental control
- Mobile machinery
- Automotive parts manufacturing

POWERFUL, SECURE CSCAPE PROGRAMMING SOFTWARE

Horner all-in-one controllers combine graphical ladder logic programming, operator interface development, I/O configuration and network configuration. The user friendly interface provides free form and drag & drop editor, as well as more than 100 functions to choose from.

From the Horner website, www.hornerautomation.com, you can download the Cscape software and software updates at no charge. This free service allows you to avoid costly licensing fees while always having the most up-to-date software version.

SUPPORTED PROTOCOLS





GLOBAL HEADQUARTERS

59 South State Avenue
Indianapolis, Indiana 46201
P 317-916-4274
F 317-639-4279
TF 877-665-5666
www.hornerautomation.com
sales@heapg.com

INTERNATIONAL OPERATIONS

HORNER EUROPE

Horner Ireland Limited, Unit 1, Centrepoint, Centrepark Road, Cork, Ireland
P +353-21-4321266
F +353-21-4321826
info@horner-apg.com
www.hornerautomation.eu

HORNER CANADA

916 42 Avenue SE #120, Calgary, Alberta T2G 1Z2
P (403) 444-0928
F (403) 265-0966
info@hornercanada.com
www.hornerautomation.com

HORNER INDIA

Vaishnavi, No. 3, Domlur 2nd Stage, 3rd Phase, Domlur Main Rd.
Bangalore 560071, Karnataka, India
P +91-80-41263460 / 61 / 62
F +91-80-41263464
info@hornerautomation.in

