



EDGE EVO® and VertX EVO™
Full Developer Tool Kit,
OPIN® API Migration Version

EDGE EVO and VertX EVO Full Developer Tool Kit, OPIN API Migration Version

Part Number: EVO-DTK-F1A

Hardware:

- EDGE EVO EH400-K Standard Controller
- VertX EVO V1000 Controller
- VertX V100, V200, V300 and IO Door Interface Modules
- Controllers running OPIN API v2.3.1
- 3 x RPK40 standard multiCLASS readers
- IO Switchboard enabling interface to EH400-K, V1000, V100, V200 and V300
- Valid and invalid demo cards
- Power supply

Core Documentation and Software

Contents (located online at HID Global's Developer Website)

- Developer Tool Kit Quick Start Guide
- OPIN v2.2.7 (EDGE/VertX) versus OPIN v2.3.1 (EDGE EVO/VertX EVO)
- Differences Guide - the step-by-step guide to augmenting an existing OPIN API base to support EDGE EVO and VertX EVO.
- OPIN v2.3.1 API Reference and Programmers Guide
- OPIN v2.3.1 Controller and DLL Binaries

A TRULY OPEN, FLEXIBLE AND SCALABLE PLATFORM FOR IP ACCESS CONTROL SOLUTIONS

- **Leading controller technology** - as the next generation EDGE® and VertX® controllers, EDGE EVO and VertX EVO deliver open architecture access control solutions and simple migration to a brand new and powerful hardware platform utilizing the OPIN® API.
- **Leading edge technology** - developed on the OPIN Platform, the solution is a result of years of HID's technological leadership and innovation, extending the the Genuine HID™ commitment to IP-driven security.
- **Developer-owned platform** - designed in consultation with industry experts, EDGE EVO and VertX EVO is the answer to customer demand for an IP-based access control platform.
- **Plug and play** - comprehensive Developer Tool Kit includes hardware, software tools and documentation for streamlining migration to the new platform.

To facilitate the seamless upgrade to the new state-of-the-art controller platform, the EDGE EVO and VertX EVO Full Developer Tool Kit, OPIN API Migration Version, is designed for software developers migrating from existing OPIN API on EDGE and VertX to HID Global's newest controller platform, including EDGE EVO and VertX EVO.

Taking EDGE to the next level, EDGE EVO provides a complete and full-featured access control hardware infrastructure and contactless smart card capability at "the edge" of the network for OEM software host systems.

The next generation VertX controller, VertX EVO, provides downstream compatibility with existing VertX V100, V200 and V300 boards, while providing plug-n-play wiring replacement for both V1000 and V2000 controllers.

The tool kit includes EDGE EVO EH400-K Standard Controller connected to one reader, three input (switches), and two output (LEDs). Additionally, the VertX EVO V1000 is connected to one VertX V100, one VertX V200 and one VertX V300. All V1000 and V100 IO, and half of the V200 and V300 IO is exposed on the IO switchboard using switches (inputs) and LEDs (outputs).

To boot the all product located on the kit, place the kit on a flat surface, connect the EH400-K and EVO V1000 to Ethernet cables (not included) and plug into a single power supply. Then log onto the developer website, download documentation and start implementation of OPIN 2.3.1 immediately.

North America: +1 949 732 2000
Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +44 1440 714 850
Asia Pacific: +852 3160 9800
Latin America: +52 (55) 5081 1650

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