AdvintRIO™ Snakehead™ Control and Data Acquisition System
Product Overview

Front Panel Connectors and Arrangements are Customer Specific
Patent Pending

The AdvintRIO™ Snakehead™ is a control and measurement platform based on National Instruments CompactRIO hardware. AdvintRIO™ Snakehead™ adds customer specified connectivity and an IP67 rating while maintaining rugged shock and vibration capability. AdvintRIO is Ethernet based, distributable, synchronizable, and delivered ready to connect existing field wiring for easy deployment.

Advint solutions take NI products where they cannot go alone - to rugged, remote, and offshore locations. These systems can mount directly on outdoor structures, on vehicles, and closer to the sensor in oil & gas, energy, and other condition monitoring applications.

Primary applications

- Test cells
- Condition monitoring
- In-vehicle and off highway
- Heavy industrial monitoring & control

About Advint

Advint was established in 1999 and is headquartered in Columbus, OH. Specializing in systems integration and environmentally rated data acquisition and controls products, Advint delivers hardware and software solutions that allow our customer base to lower risk and maintain focus on their core business.

FAQ:

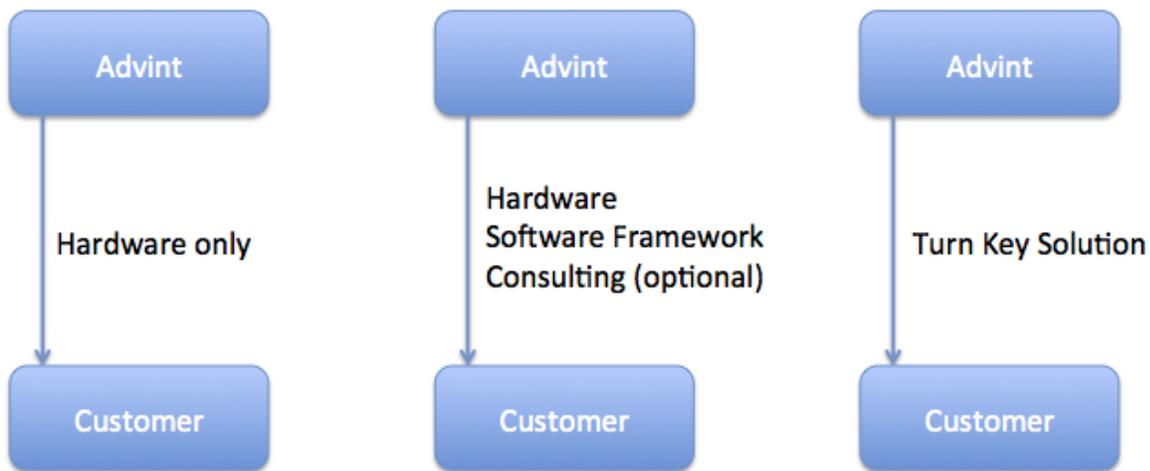This is an enclosure that can be ordered from Advint and assembled by the end user, correct?

> No, these are flexible hardware products delivered turn-key. They are based on NI platforms but with patent pending features and specific manufacturing processes. Think of these as products or systems rather than enclosures.

What is IP67?

> An IP67 rating means the products are completely protected against dust, and protected against water ingress at 1m for 30 minutes.

What is the software experience?

> Advint can deliver hardware-only (ready to program), can integrate existing customer IP around an Advint software framework, or deliver a solution with a complete Advint developed software application installed. Advint maintains a staff of certified LabVIEW developers who also possess text language skills.

Can these systems be disassembled and serviced?

> The systems are easy to open to add or change C Series modules. It is best to involve Advint for up-front discussions on requirements beyond this type of need.