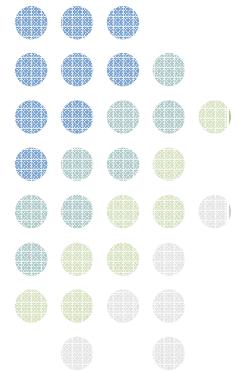


Amphion

Model 12—Remote service security appliance



Network security technology makes it possible to safely use the Internet as an access path for engineers and technicians to monitor machine performance and provide technical support. Equipment owners who embrace this technology stand to benefit in two ways; they gain access to a growing pool of service personnel, who can react more quickly, and, secondly they are able to take advantage of remote monitoring applications that display and report on the output and performance of their plant.

Ei3 Corporation recognizes these advantages and has created the Amphion line of network service products to provide its customers with a solution that meets their business needs. The Amphion is a secure and reliable device that accommodates individual customer IT requirements within a proven framework.

The Amphion model 12 remote service security appliance provides a high-performance and reliable solution for remotely accessing machines. It works with Ei3's internet applications for remote monitoring as well as Ei3's Argo service platform. The Amphion model 12 is built to be installed inside a machine control panel on the factory floor and has convenient features that make it easy to complete the installation and set-up process. Once a machine is connected to the internet using the Amphion model 12 it is possible to set-up remote monitoring and provide secure access for remote service technicians.

This device is compatible with on-site equipment supplied by most internet service providers including broadband site modems: ADSL, cable, T-1 connections and can even be positioned behind an existing firewall and connect through the plant's network. The Amphion works by communicating through the internet with an encrypted data connection to the Ei3's networking security service center. Industry standard security techniques are used to create a VPN (Virtual Private Network) between the machine LAN and the service technician. A large number of IP addresses are supported and existing machine networks are accommodated by using network address translation. For remote networking diagnostic and configuration sessions, a telephone connection is provided so that the Ei3 Corporation NOC (Network Operations Center) can provide out of band technical support.

Features of the Amphion model 12

- High performance internet networking
- Advanced embedded Linux system
- Indicators for power, operation & network
- Serial port for device communications
- Integrated modem for remote diagnostics
- 24VDC power supply with on-board fuse
- DIN Rail mounting
- User Configuration pages

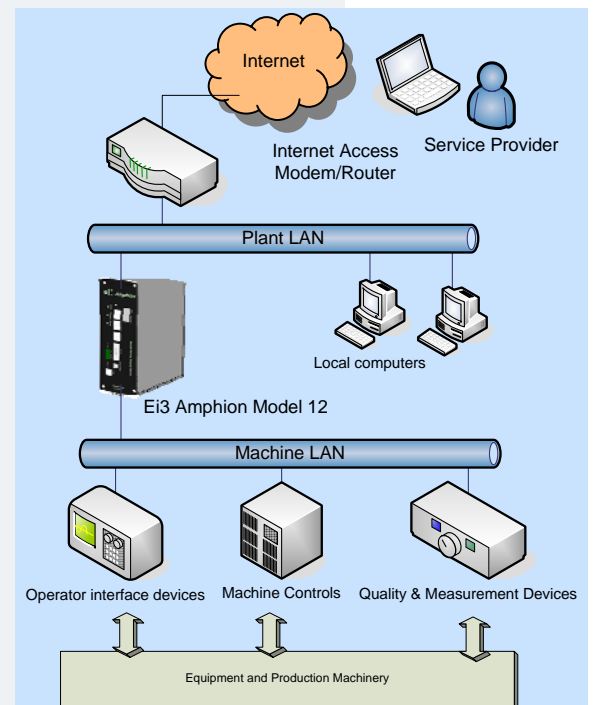
Users benefit from Amphion's ...

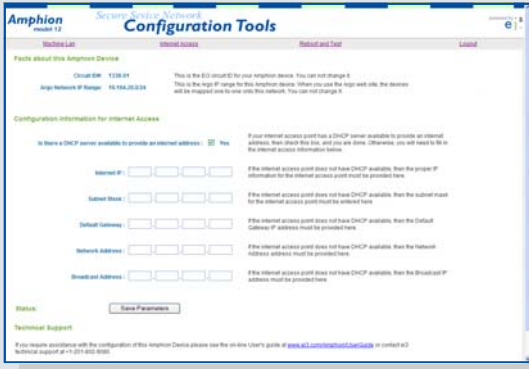
High bandwidth performance

Advanced network security

Low cost of ownership

Ease of deployment





Configuration Tools:

Amphion enables remote service for a machine quickly and easily. There are only a few parameters that need to be entered by the user. These parameters are configured using a web browser on a computer that is locally connected to the Amphion.

The machine LAN network can be defined as well as the Internet access settings. Because the Amphion is shipped standard with high-level security features embedded it does not require any other user modification.

Once the Amphion is configured, it is compatible with Ei3's entire range of service access control and production monitoring Internet applications.

Specifications:

Ordering Part Number:	IAA—254—H
Dimensions:	168mmH 64mmW 153mmD
Mounting Requirement:	DIN Rail or Free Standing
Power Requirements:	24VDC, 10watt maximum
Maximum IP addresses:	Class C network 254 addresses
Throughput:	10/100 Mbps
Connections:	3x RJ45, RJ11, 9-pinD, & power +V, O,GND
Degree of protection:	IP10
Temperature range:	0 to 60 degC

Requirements:

On-site internet requirements:

Broadband Internet access with either a DHCP server or a fixed (Static) IP Address

Machine LAN requirements:

Devices must be on a local private network and be configured with the Subnet Mask and Default Gateway defined by the Amphion configuration pages.

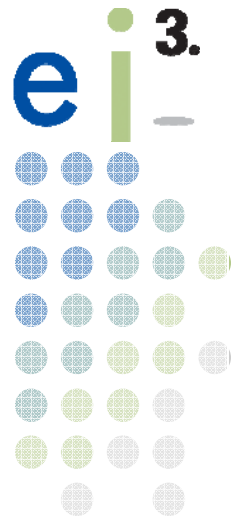
Telephone:

A standard analog telephone line (PSTN) is all that is needed to enable out-of-band access for network diagnostic services.



For More Information:

Contact Ei3 Corporation for more information about how the Amphion model 12 can be used to create new service powered revenue streams for your equipment.



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