GLOBE Site Requirements

The Global Online Business Exchange (GLOBE) unit must reside in a secured data class environment. This environment should adhere to strict controls addressing physical security, temperature, humidity, fire, smoke, and power conditioning. The power supply and related components will vary depending on the country where the GLOBE is installed.
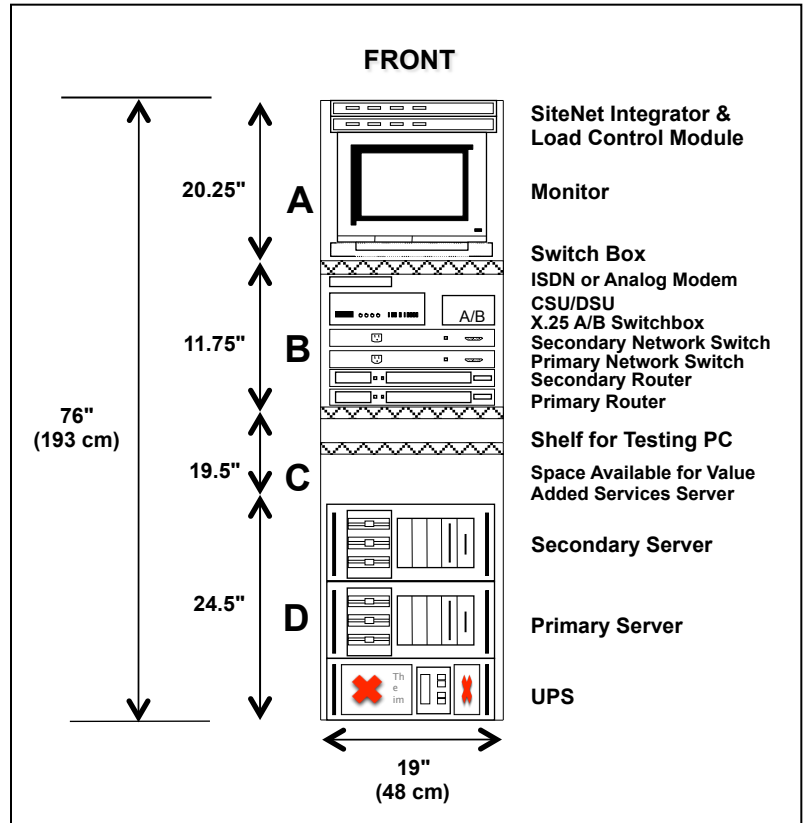
Power Requirements

The GLOBE's Uninterruptable Power Supply (UPS) requires its own designated power receptacle, which must be within 1.83m (6 feet) of the GLOBE cabinet. The appropriate local power receptacle will be determined during site inspection.

Temperature Requirements

The ambient temperature surrounding the GLOBE must be maintained between 0° and 40°C (32° and 104°F). The temperature should be maintained below 25°C (77°F) in order to preserve the battery life of the UPS.

Security Requirements

The GLOBE must be installed at a secure location at the Client site. The building must have minimum physical security controls, including external monitoring and access control (e.g., card reader). Access to the computer facilities must be logged and restricted to authorized personnel. In addition, the LAN(s) to which the GLOBE will be connected must be safe from fire hazards and water leaks. The rooms must be monitored by water sensors, fire sensors, and temperature/humidity alarms, and must be equipped with fire suppression systems. The location must also have back-up power and emergency lighting.

FRONT

20.25" A	SiteNet Integrator & Load Control Module
	Monitor
11.75" B	Switch Box / ISDN or Analog Modem / CSU/DSU / X.25 A/B Switchbox / Secondary Network Switch / Primary Network Switch / Secondary Router / Primary Router
19.5" C	Shelf for Testing PC / Space Available for Value Added Services Server / Secondary Server
24.5" D	Primary Server
	UPS

76" (193 cm)

19" (48 cm)

Space Requirements

The GLOBE requires the following minimum amount of space at the Client's site:

Metric			
	Width:	63.5 cm	
	Depth:	145 cm, including:	
		Cabinet:	96.5 cm
		Keyboard:	9.14 cm
		Fans:	8.26 cm
		Air flow:	30.5 cm
	Height:	231 cm, including:	
		Cabinet:	201 cm
		Air flow:	30.5 cm
English	Width:	25" (inches)	
	Depth:	57" (inches), including:	
		Cabinet:	38"
		Keyboard:	3.6"
		Fans:	3.25"
		Air flow:	12"
	Height:	91" (inches), including:	
		Cabinet:	79"
		Air flow:	12"

Telecommunications Requirements

One or multiple telecommunication circuits may be connected to the GLOBE to enable business functions, as described in the Global Online Business Exchange chapter of the *Prerequisite Requirements and Codes* manual. The physical number of circuits is determined by the number of connecting systems, protocols, and the network configuration for each Client. For example, if the Client chooses to connect the Financial Capture System and Authorization System via TCP/IP and Ethernet, a single physical connection with multiple logical connections can be used. However, a second circuit is needed to ensure continued availability, in case the primary circuit fails.

Refer to the Global Online Business Exchange (GLOBE) chapter of the *Prerequisite Requirements and Codes* manual for information to identify the protocol and telecommunications requirements that the Client system must address to connect to the GLOBE.

The GLOBE supports the following protocols:

Authorization Processing

- ◆ TCP/IP
- ◆ X.25
- ◆ SNA LU0

Batch File Transfers

- ◆ FTP/TCP/IP
- ◆ Connect:Direct/SNA LU6.2
- ◆ XCOM/SNA LU6.2

Contact your AEGN Representative or refer to the current *Prerequisite Requirements and Codes* Manual for more information regarding the GLOBE

Are You Ready to Install the GLOBE?

The following parameters are required before AEGNS can install the GLOBE at the Client's site. Use this checklist to make sure the site meets all the necessary requirements for installation.

❑ A power receptacle is within 1.83m (6 feet) of the area where the GLOBE will be located, and is specifically designated for the GLOBE's UPS

❑ The site selected for the GLOBE meets all minimum space requirements listed on the front of this guide

❑ Ambient temperature surrounding the area where the GLOBE will be located is between 0° and 40° C (32° and 104° F), preferably below 25° C (77° F) to preserve the UPS battery life

❑ Minimum physical security controls (external monitoring and access control) are in place

❑ Access to computer facilities is logged and restricted to authorized personnel

❑ The Local Area Network unit(s) that will connect to the GLOBE are safe from fire hazards and water leaks

❑ Rooms where the GLOBE will be located are equipped with:

- ◆ water sensors
- ◆ fire sensors
- ◆ temperature and/or humidity alarms
- ◆ fire suppressions systems

❑ Area where GLOBE will be located has back-up power and emergency lighting