

VLAN SERVICE

ORION Virtual LAN (VLAN) Service

VLANs are network connections that are configured through software rather than hardware. This allows ORION to provide on-demand, dedicated, point-to-point connections between any two Points-of-Presence (PoP) along the network. VLANs, for example, may be used to link two distant campuses of a college or university, to interconnect research labs at different institutions or it can connect a member institution directly to an Internet Service Provider (ISP) of their choice.

Availability

VLANs are available to all ORION user organizations, between any two ORION PoPs throughout the network. The demarcation points are the two Ethernet ports on the ORION data equipment at the two ORION end PoPs.

Bandwidth

ORION VLAN Bandwidth Service is made available at 10, 100 and 1,000 megabits per second (Mbps). *

Cost

10 Mbps service	\$500
100 Mbps service	\$1,000
VLAN 1000 Mbps (GigE service)	\$2,500

In the case of 100 and 1000 Mbps service options, an Inter-campus discount applies if the VLAN connects two campuses or sites of the same institution. A one-time installation charge of \$1,000 per end-point applies.

Requirements

In order to obtain the ORION VLAN Service, users must already meet the eligibility criteria and have signed a user access agreement for the basic R&E service connection. Users must make their own provisions with an ISP, if the VLAN is used to connect to an ISP.

Delivery of Service

ORION is normally able to provide VLAN connectivity within one-week of receipt of a confirmation order, notwithstanding special circumstances.

* ORION makes best efforts and provides no guarantee of bandwidth level.

** ORION does not supply an IP address for this service.

*** ORION does not monitor the IP layer traffic

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