

## HOW IT WORKS

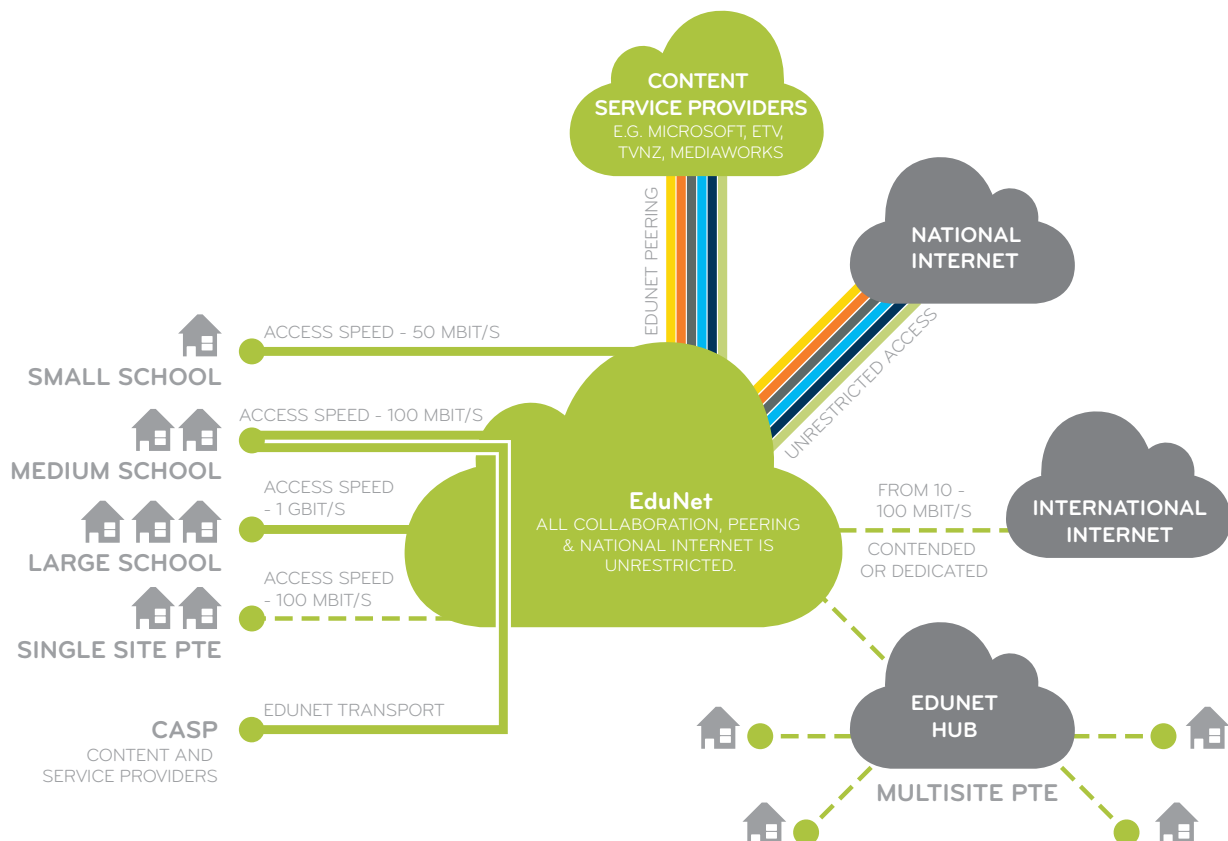
EduNet is delivered using either the VectorFibre MetroEthernet service and offers completely open connectivity between schools or multisite institutions and the content and data they need.

With access speeds of up to 1 Gbit/s, EduNet connects educational institutions and Content Providers to each other for rapid, cost-effective collaboration



Where available, this service is delivered over VectorFibre MetroEthernet, which is internationally certified for performance and reliability by the Metro Ethernet Forum.

## TECHNOLOGY OVERVIEW





## SERVICE OPTIONS

Name	Service	Delivered Over	Options
EduNet Hub	Multi-site Access Plus National Internet, Collaboration & Peered Content	VectorFibre UFB	50 Mbit/s, 100 Mbit/s, 1 Gbit/s (subject to fair use policy)
EduNet Access	Access Plus National Internet, Collaboration & Peered Content	VectorFibre UFB	50 Mbit/s, 100 Mbit/s, 1 Gbit/s (subject to fair use policy)
		RBI	100 Mbit/s
EduNet InterNet • Standard • Plus	International & Telecom/ TelstraClear Internet	VectorFibre or UFB	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 Mbit/s
EduNet Peering	For Content & Service Providers	VectorFibre	50 Mbit/s, 100 Mbit/s, 1 Gbit/s
EduNet Transport	For Content & Service Providers	VectorFibre	50 Mbit/s, 100 Mbit/s, 1 Gbit/s

## SERVICE SPECIFICATIONS

Service Attributes	
Customer Connections	Copper (RJ45 connector): <ul style="list-style-type: none"><li>• 100Base-TX (100 Mbit/s)</li><li>• 1000Base-T (1 Gbit/s)</li></ul> Fibre (LC Connection): <ul style="list-style-type: none"><li>• 1000Base-SX/LX/ZX (1 Gbit/s) (subject to technical feasibility)</li></ul>
Mode	Full duplex
MAC Layer	IEEE 802.3
Interface Speed	50 Mbit/s, 100 Mbit/s, 1 Gbit/s
IP Address Management	Vector Communications will allocate IP address space to the customer for link addressing purposes. Further IP addresses (or address space) are available for an additional monthly charge.
VLAN Tagging	Traffic should be presented with VLAN tag for the 100 Mbit/s and 1 Gbit/s EduNet services delivered over UFB.
EduNet Peering Link Usage	EduNet Peering is intended for sharing high quality educational content only. It cannot be used to deliver public internet traffic to VectorFibre, EduNet or Internet users.

## NETWORK SECURITY

Vector Communications cannot guarantee the content and sources of IP data coming via the Internet. It is vital that customers run their own security systems to protect their networks, equipment and business. Threats from external networks may include Denial of Service attacks or hackers. There may also be internal security breaches caused by viruses, trojans or insufficient security precautions.