

UURelay

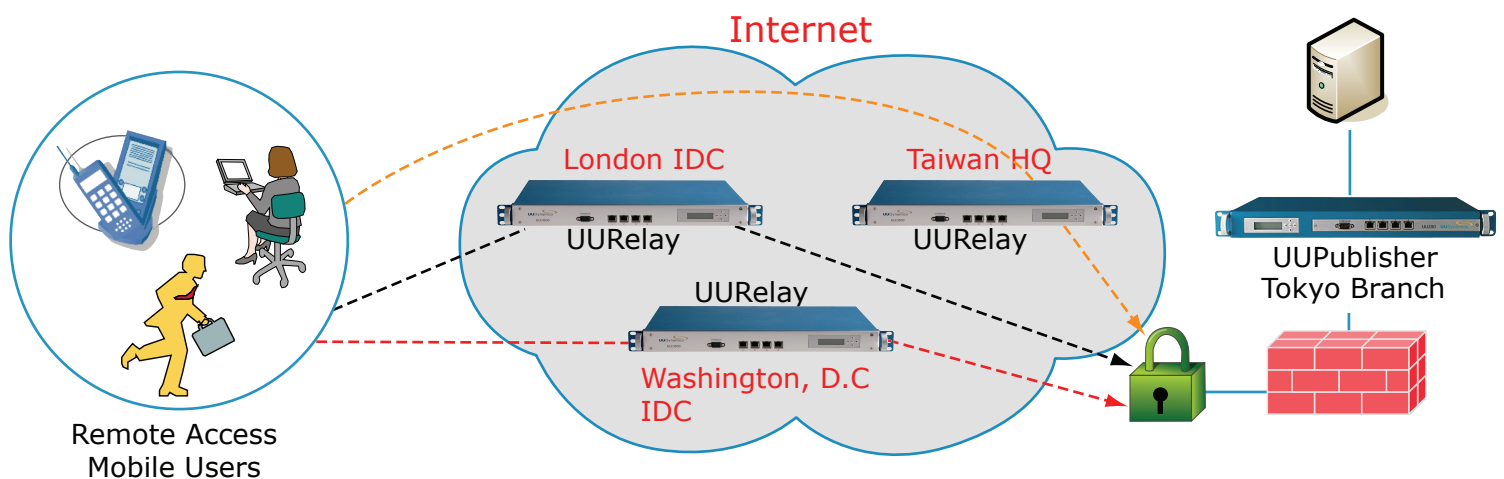
UURelays are **iSTAR™** components that perform the data switching functions.

When two communicating parties under **iSTAR™** are not able to reach each other directly, such as when both parties have IP addresses from different private domains, the data packets are switched through the UUCentral components and all the available UURelays. Through this switching function all **iSTAR™** clients and publishers are able to interconnect without being limited by public IP addresses.

UURelay Placement

An **iSTAR™** deployment can employ one or many UURelay units. Each UURelay needs a static public IP address.

When multiple UURelays are deployed, the UUCentral will consider all of them for constructing possible routes. When a connection needs be switched, the connecting parties negotiate between themselves to determine the shortest route among all the available routes with sufficient bandwidth.



Multi-link Configuration

A UURelay may be connected to two different ISPs for tolerance of possible failure of internet on-ramps. Combined with the route optimization capability of **iSTAR™** data switching, it is also highly effective in alleviating latency between communicating parties on two different internet service providers.

Remote Management

UURelays can be administered remotely or locally with the same GUI, much like all other iSTAR devices. Remote management traffic is also secured through SSL.

Direct Access

For a publisher running Direct Access mode, UURelay functions are absorbed by the publisher itself.

UURelay

Model	Switching Capacity
UURelay200	Wire speed through 100BaseT ports
UURelay1000	600mbps through 1000BaseT ports
UURelay2000	Wire speed through 1000BaseT ports

UURelay200



Power Requirement	Input	AC90~264V @ 47~63Hz
	Output	180W
Physical	Dimensions (W x H x D)	426 x 44 x 280mm (16.7" x 1.7" x 11")
	Mounting Dimensions	19 inch, 1U
	Weight	~4.5Kg (~9.9lb)
Environment	Operating Temperature	0~40°C (32~104°F)
	Humidity	5~85%@40°C (104°F)
Network Interface	4 10/100 Base-TX	

UURelay1000



Power Requirement	Input	AC90~264V @ 47~63Hz
	Output	250W
Physical	Dimensions (W x H x D)	426 x 44 x 350mm (16.7" x 1.7" x 13.7")
	Mounting Dimensions	19 inch, 1U
	Weight	~4.5Kg (~9.9lb)
Environment	Operating Temperature	0~40°C (32~104°F)
	Humidity	5~85%@40°C (104°F)
Network Interface	4 10/100/1000 Base-TX	

UURelay



UURelay2000

Power Requirement	Input	AC90~264V @ 47~63Hz
	Output	460W
Physical	Dimensions (W x H x D)	431 x 88 x 550mm (16.7" x 3.5" x 21.7")
	Mounting Dimensions	19 inch, 2U
	Weight	~12.6Kg (~27.8lb)
Environment	Operating Temperature	0~40°C(32~104°F)
	Humidity	5~85%@40°C(104°F)
Network Interface	4 10/100/1000 Base-TX	

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