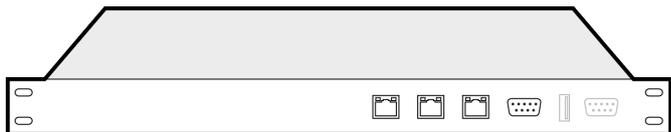


The Effects Server is a network appliance designed to **bridge two physical networks** and introduce effects onto specific links between addresses on those networks. In a controlled and configurable manner, the effects **perturb network traffic**, including introducing packet loss and packet reordering.

- Reduce QA costs; save on manual testing
- Reproduce faults from customer networks
- Find stability issues in your products
- Fully automatable; encourages TDD and Continuous Integration
- Generates logging and metrics

The Effects Server is designed to enable testing of applications: **easily reproduce issues** found in real-world environments, which may be difficult to otherwise recreate under lab conditions. The effects provide realistic simulations of typical lossy and unreliable network connections.



“Generate network weather on demand to ensure your product is ready for the cloud.”

— Johnathan Turrall, CTO

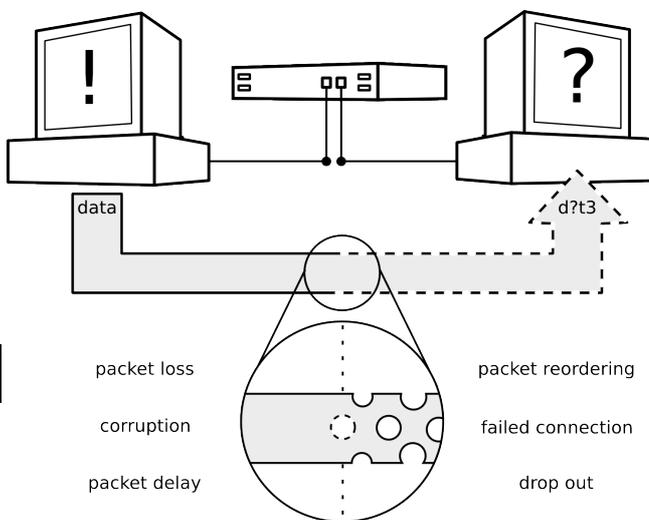
Plenty of effects

The Effects Server comes preloaded with effects which can be combined in any way to simulate the *network weather* of your target environment.

The Effects Server provides any number of point-to-point links on which you can specify combinations of effects. Each link can be configured to simulate different real world environments or to specifically engineer network weather that helps you find stability issues in your applications.

Integration now

The Effects Server acts as a drop in replacement for a bridge. It doesn't change your existing network topology and has isolated Ethernet interfaces for testing and configuration. Links and effects are configured with a familiar command line interface or by SNMP.



The Effects Server is a great addition to any Continuous Integration environment, helping to drive Test-Driven Development with networked products which has traditionally been hard to accomplish without manual manipulation of hardware or software. Alternatively the Effects Server is a great tool for a QA team, giving them the power to harm traffic on demand.

- | | |
|--|---|
| 1× 10/100 RJ45 Ethernet management console | 90-264V AC, 18W |
| 2× 10/100 RJ45 Ethernet bridge interfaces | Low power, heat & noise |
| – Link endpoints at OSI layer 3 addresses | 1U 19" square-hole four-post rack mount unit; |
| – Effects operate on OSI layer 2 traffic | half-depth chassis |
| | – Metrics over SNMP |



Bubblephone Limited
 Sussex Innovation Centre
 Science Park Square
 University of Sussex
 Brighton BN1 9SB
 Tel +44 (0) 1273 704 535