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Protecting your networks

Today's hyper-connected networks are vulnerable to attack from the outside-in and the inside-out. Whether by software vulnerability exploits or microscopic gaps buried in the complexity of advanced, modern configurations.

FireBreak™

**Military grade global enterprise scale
Physical connection controller
Absolute network access control to your defenses and assets**
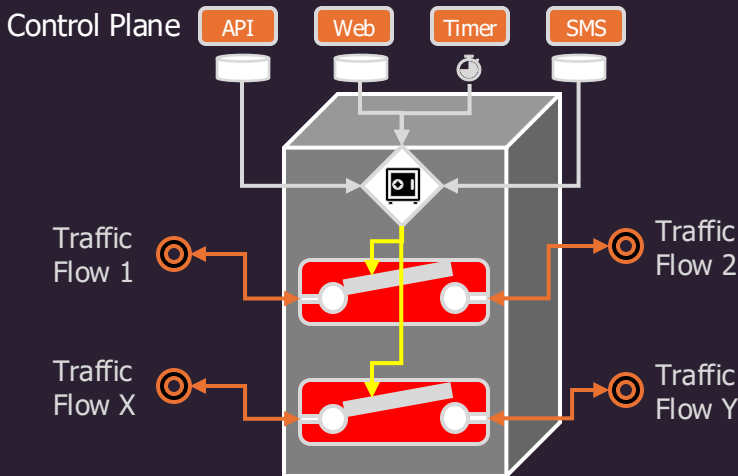
The Treats

FireBreak

Your Defense

Your Assets

Across defense, critical national infrastructure, public organizations and many enterprise sectors, there is a constant battle to address complex and fast scaling cyber threats. They are all characterized by software-on-software attacks, which means taking control of connections at the physical level, the wire and fiber puts you back in control. Firebreaks create a hard-stop protection for your network segments and gives you absolute connection control, on demand.

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How we protect networks

Control Plane   API   Web   Timer   SMS

Traffic Flow 1

Traffic Flow 2
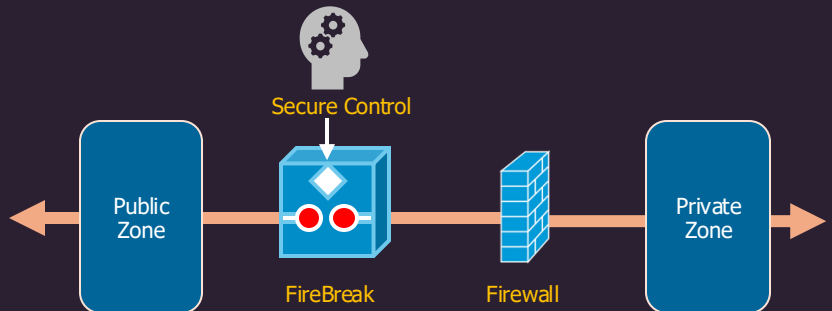
Traffic Flow X

Traffic Flow Y

FireBreak™

A physical connection controller.
Takes control of your connectivity.
For absolute protection at the physical layer.

FireBreaks are 4-port and 12-port devices with either electrical RJ45 or Fiber SFP interfaces that can control traffic flow.

Threats are unable to see or interfere with the device and the control plane is separate, managed by a hardened processor. With optional API control from a secure control network and automated timer or SMS remote control.
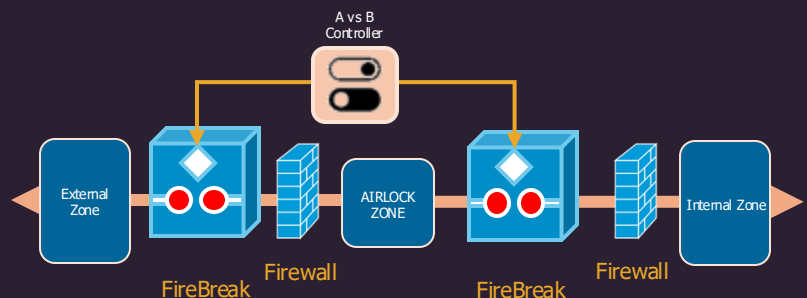
Solution Model CB-1

Name	Circuit Breaker
Application	Public – private interfaces
Sectors	Enterprise, Utility, CNI, Defense
Description	Insert Firebreaks to provide physical circuit breakers between zones at risk when threat levels exceed policy thresholds.

Secure Control

Public Zone → FireBreak → Firewall → Private Zone

Solution Model SA-1

Name	Security AirLock
Application	3-zone environments
Sectors	Enterprise, Utility, CNI, Defense
Description	A Firebreak is positioned between three logical zones—internal system, intermediate zone, and external network—in a configuration similar to a space station airlock. Ensuring only single access flow at a time.

A vs B Controller

External Zone → FireBreak → Firewall → AIRLOCK ZONE → FireBreak → Firewall → Internal Zone

Disconnect to protect, on demand.

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