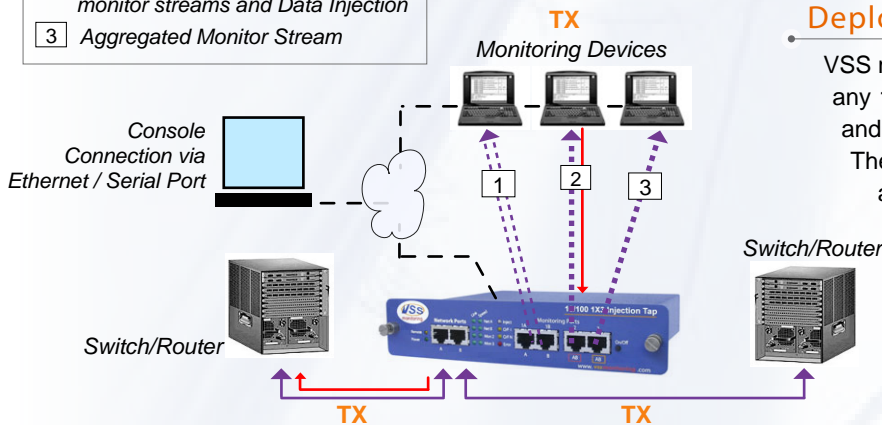


This document describes how the VSS monitoring 1X3 Injection Tap can be deployed to enable remote management allowing a user to coordinate monitoring activity from any location and any device.



- 1 Dual Monitor Streams
- 2 Combination port for Aggregated monitor streams and Data Injection
- 3 Aggregated Monitor Stream



## Product Highlights

- Fail-Safe network throughput
- Monitors 1 network
- Supports 3 monitoring devices
- 2 aggregation monitoring ports
- VoIP & PoE
- 64MB of memory
- Injection port on/off control
- Automated injection port control
- Remote management
- User Authentication
- No software required

### Device management via:

- Serial Port
- Telnet
- Web Browser
- SNMP

### Injection Port control options:

- Faceplate port selection
- Custom program

## Deploying the Injection Tap

VSS monitoring's 1X3 Injection Tap can be deployed in-line on any 10/100 network. The Tap's 2 network ports allow simple and speedy connection between any 2 network elements. The four monitoring ports include 2 aggregation ports (AB) and 2 non aggregated port (where each steam carries an A or B) thereby allowing simultaneous monitoring on up to 3 devices. The right most aggregation port serves also as the Tap's injection port.

## Connectivity Options

The Tap can be controlled manually from the faceplate or by any computer, IPS, IDS or Analyzer through either the serial or Ethernet ports.

Controlling the Tap via the Ethernet port enables the Tap and Injection port to be remotely managed thereby eliminating the need for a user's physical presence and automating the process with the IPS.



## How the Injection works

Once connected to the Tap's on-board server the user has complete control over the monitoring ports and can access useful diagnostic information relating to link, speed, activity, etc. Automatic opening of the injection port by the IPS can be driven using a script over the telnet interface. Closing the port can be activated in the same way or by an automatic time delay once the reset is submitted.

## SNMP

With the SNMP option enabled this tap provides the network manager with full management and integration compatability with all other SNMP devices in the network including IPS, Analyzer and IDS devices. This compatability simplifies implementation and eliminates the management and usability learning curve that otherwise exists for non SNMP installations.

## Benefits

### The V1.3 CCE-IS increases network security & improves ROI on IPS devices

- Multiple monitoring ports leverage the simultaneous use of an IDS, IPS and Analyzer each monitoring the link to ensure maximum flexibility and security performance.
- Aggregation ports on the tap require 50% fewer ports on any IDS, Analyzer or Load Balancer. This has the affect of doubling the available port capacity on those devices.
- The injection port feature significantly reduces the need for physical user presence thereby saving on valuable user time and cost.
- Direct and Automatic injection port control from the IPS significantly reduces the need for human input thereby maximizing security efficiency during an intrusion.
- Finally the SNMP tool simplifies implementation, standardizes usability and ultimately creates the most sophisticated and value-added means of tapping any network.