

CDI Secure Out of Band Management is a NetCentric cost saving solution. When correctly implemented it eliminates the need for expensive site visits for patch maintenance, equipment re-configuration, and power rebooting of remote network equipment.

CDI provides NOC engineers with access to remote network elements through multiple communication paths. This unique approach can accomplish this in several ways.




- Via multiple side channels of the primary network using SSH, Encrypted TCP, and/or RSA two factor Authentication.
- Via modem access using Encrypted Data, and/or RSA two factor Authentication.
- Via Cellular data modem (GPRS) using SMS, SSH, Encrypted TCP, and/or RSA two factor Authentication.

CDI has a patented distributed approach that stores the security credentials directly in the Out of Band Management device. It utilizes 256 Bit AES CFB encryption and on board RSA SecurID authentication providing the highest level of security available. This combines the flexibility of Out of Band Management with the strength of FIPS 140-2 Certified AES encryption.

A patented centrally based Out of Band Manager (OBM) software system ties all the engineers and remote sites together with point and click access for security administrators, NOC engineers, and third party vendors, to manage and control edge points on the network.

This is an excellent tool for network managers and MSP's to provide cost effective, fast, reliable, management of Customer Premise Equipment (CPE) at remote sites. This results in higher Service Level Agreements (SLA's) and revenue for the MSP while providing premium service to the customer.

## Components

<p><b>PA111-AES</b>                  1 Network + Modem                  1 Serial Port                  1 Power Control Port</p> 	<p><b>PCM</b>                  Power Control Module                  10AMP &amp; 20AMP                  Stand Alone</p> 
<p><b>PA155-AES</b>                  1 Network + Modem                  5 Serial Ports                  5 Power Control Ports</p> 	<p><b>PA199-AES</b>                  1 Network + Modem                  9 Serial Ports                  9 Power Control Ports</p>
<p><b>OBM</b>                  Out of Band Manager - Vendor Independent                  SQL total Out of Band Management Solution</p> <p>SQL database Key Credential Management System                  for Security Officers and Administrators                  +                  SQL database driven Encrypted Terminal Access                  for engineering support access to CDI and non-CDI                  Devices securely.</p>	



## Diagram

