

# **BSE Application Access Through Member's Private Network Using Layer3 Switch**

## Layer3 Switch Solution

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### **Declaration:-**

Information presented herein is for bonafide use by an authorized BSE Member for implementing Layer3 solution.

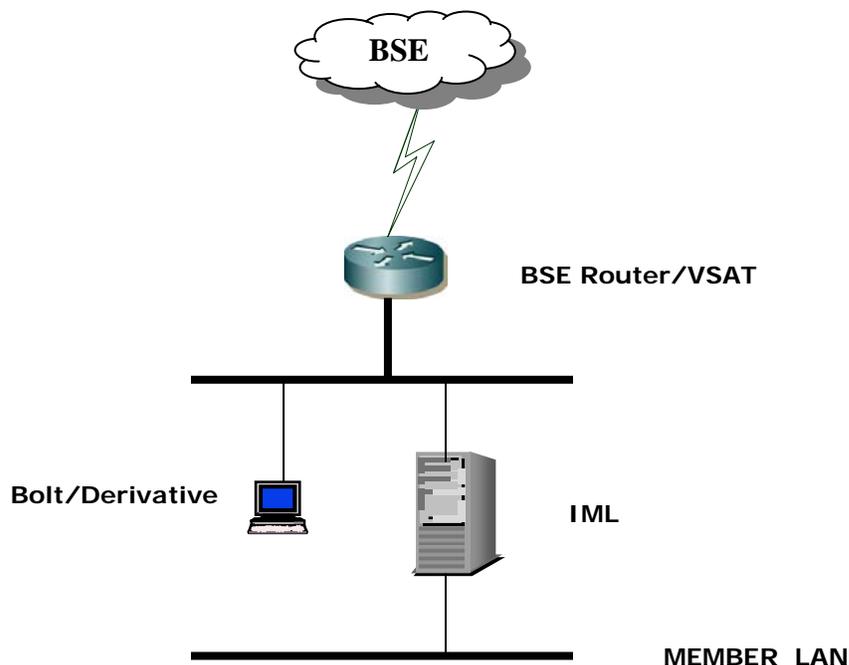
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### Overview :

BSE provides access to BSE's various applications like BOLT, Derivative, DLOAD and Bookbuilding etc. These applications are accessed via BSE's Private Network. BSE provides connectivity to Members over LAN, WAN/MPLS or VSAT network.

This document provides guidelines to access BSE application using Member's own Layer 3 switch.

### **Typical Broker Office Setup:**



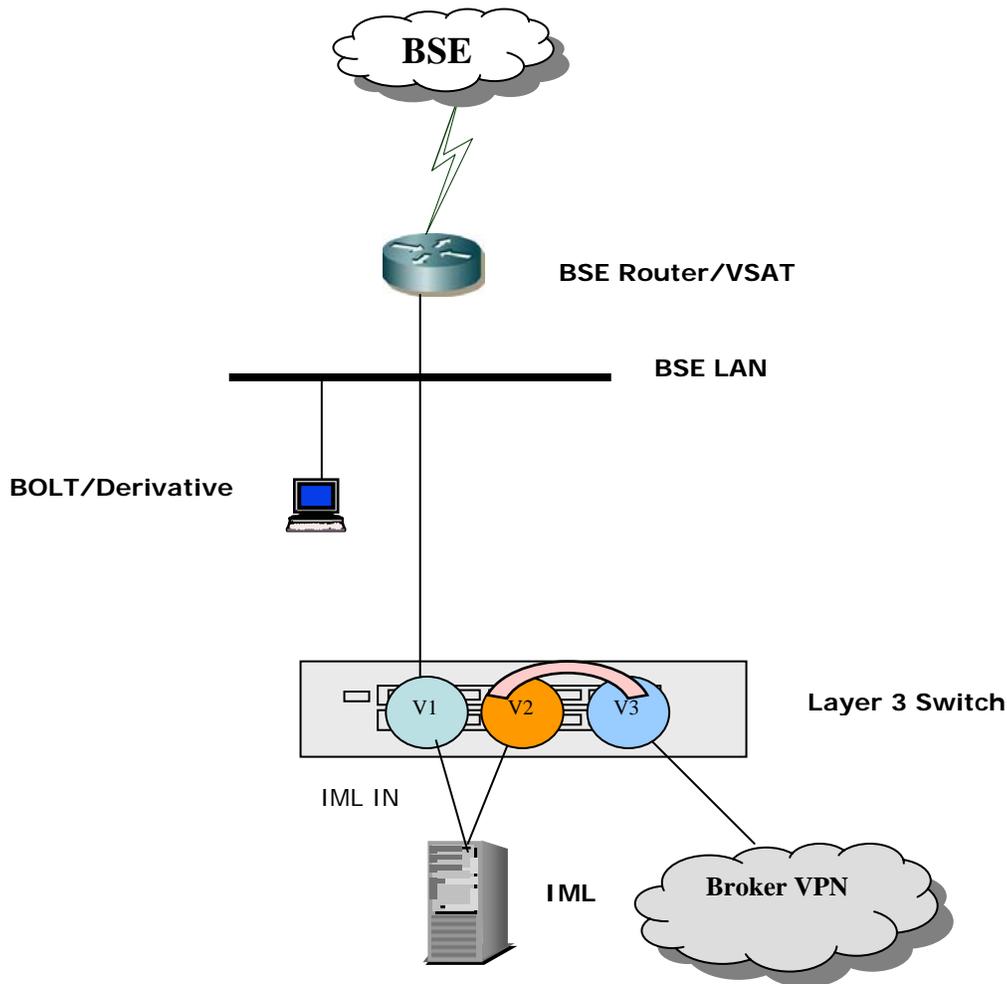
BSE provides LAN, WAN (Lease line & MPLS) and VSAT as the connectivity media.

According to the connection provided, the Member connecting to BSE are given BSE IP address which are configured for the local LAN.

From BSE Local LAN BOLT, Derivative, Book building applications are available. For IML setup Member has to create another Private LAN.

### General Guidelines for Layer3 Solution:

- As shown in the diagram below, the Members are advised to create different VLANs on the switch so that BSE network and Member Private networks are separate.
- There should not be any communication between Vlan1 (V1) and Vlan2 (V2). Vlan3 (V3) can communicate with Vlan2 to have VPN network access to BSE via IML server.
- Layer 3 switch should have Multicast Support, Access/Filter list support and NAT feature.



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