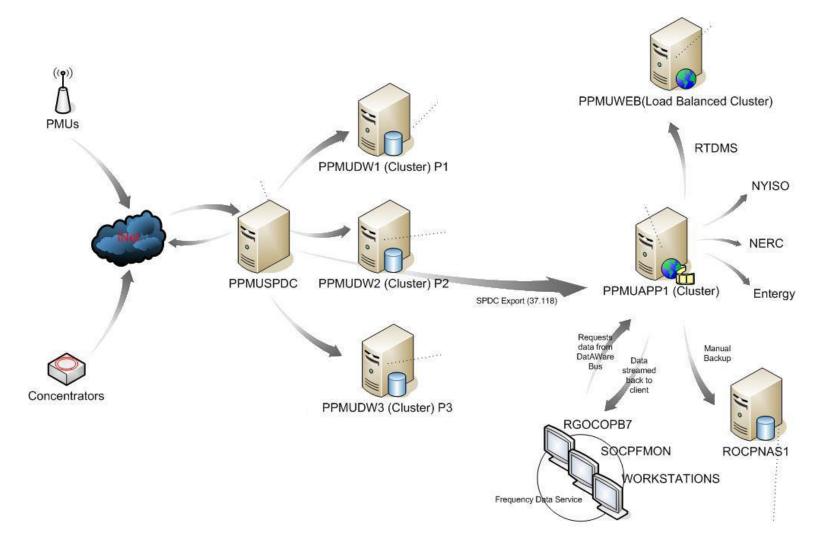


Cyber Security for Synchrophasor Implementation for TVA

NASPI Working Group Meeting Panel Session February 4th, 2009

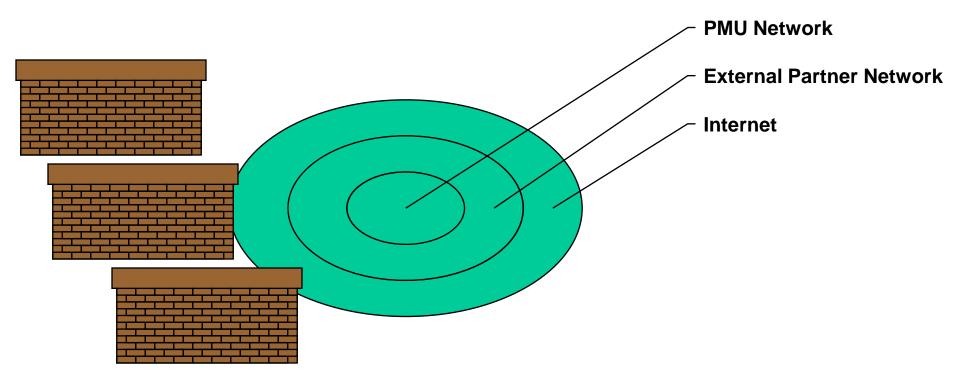


Synchrophasor Data Flows...





Layered Network Security





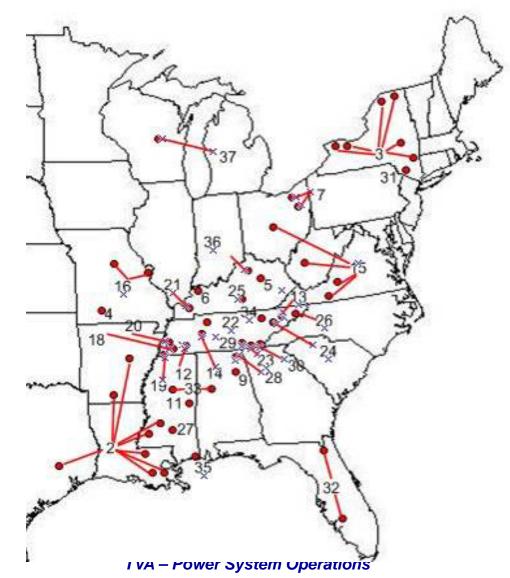
Expanded Security Challenge...



TVA – Power System Operations

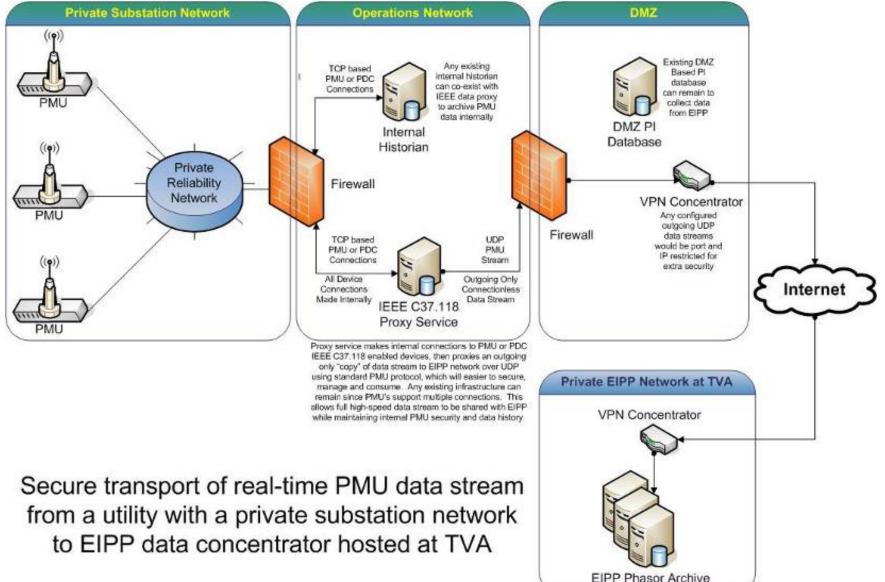


External Network Traffic



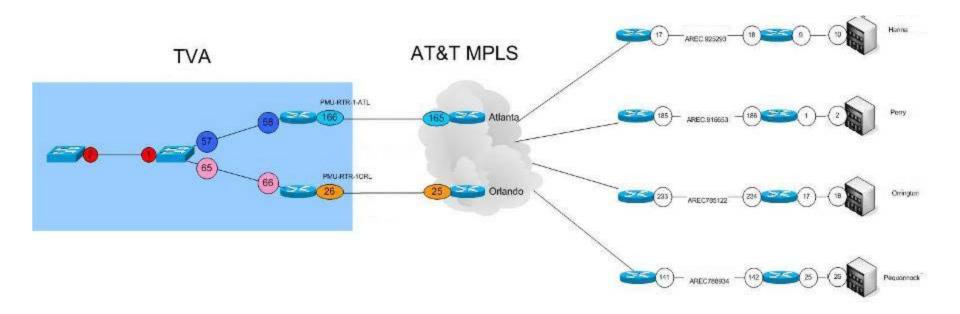


Lan-to-Lan VPN over Internet Connections





MPLS "Cloud" Connections





If all else fails, there's always the "Emergency Stop Switch"...

