nationalgrid

THE POWER OF ACTION

EDT* Interface & Peer Point Proxy Overview

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EDT* Interface Overview

Internet

Internet Gateway

IPsec VPN

Submissions (XML files)

Response (XML files)

System to System Interface through a secured VPN. Only needs a Digital certificate to access EDT*

Digital Certificate

EBS is accessed via a Standard Web Browser

Submissions (XML File)

Response to Submissions (XML File)

Internet Proxy

Authentication Server

Submissions (XML files)

Response (XML files)

EBS accessed via a Standard Web Browser

XML file upload or Web Forms data submission. Needs a hardware token to access vSTIG & a Digital Certificate to access EDT*

Hardware Token

Digital Certificate

EBS Web Services server

Submissions (XML File)

Response to Submissions (XML File)

Private Network

Private Network Gateway

Submissions (XML files)

Response (XML files)

Digital Certificate

System to System, XML file upload, or Web Forms data submission. Through private Leased lines only needs Digital certificate to access EDT*

Submissions (XML files)

Response (XML files)

Standard Web Browser

Digital Certificate

Overview of the EBS EDT* Interface
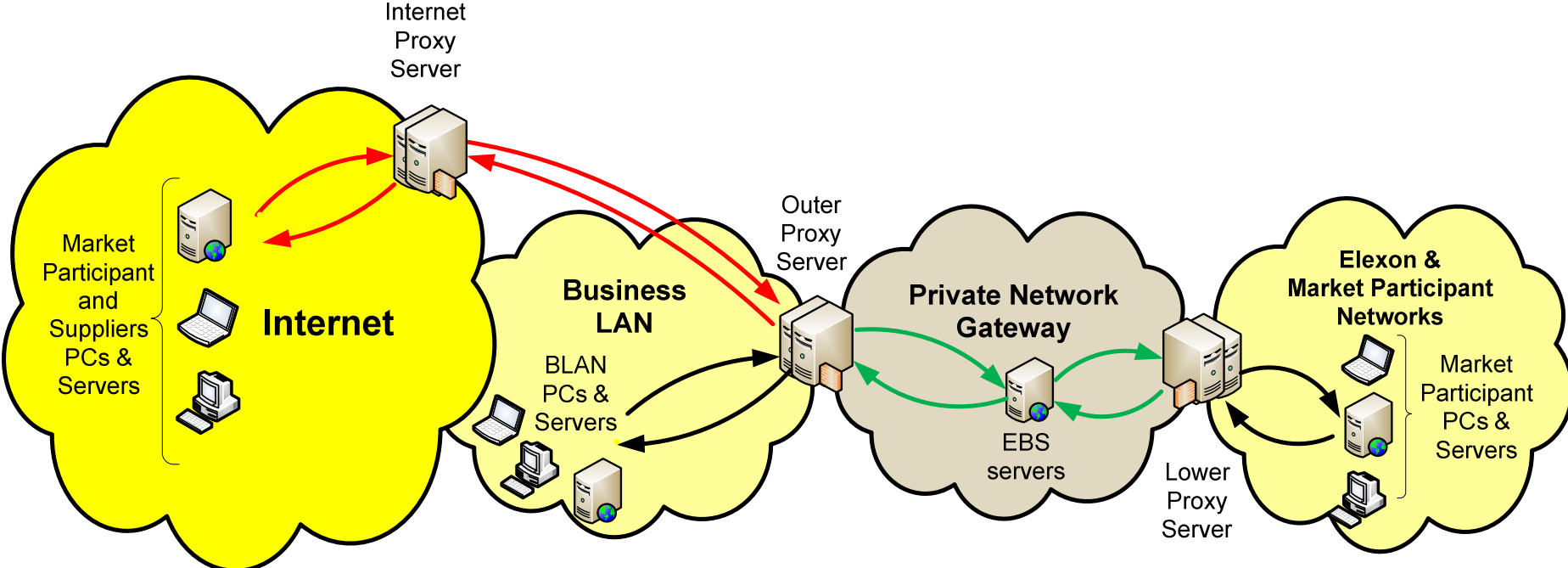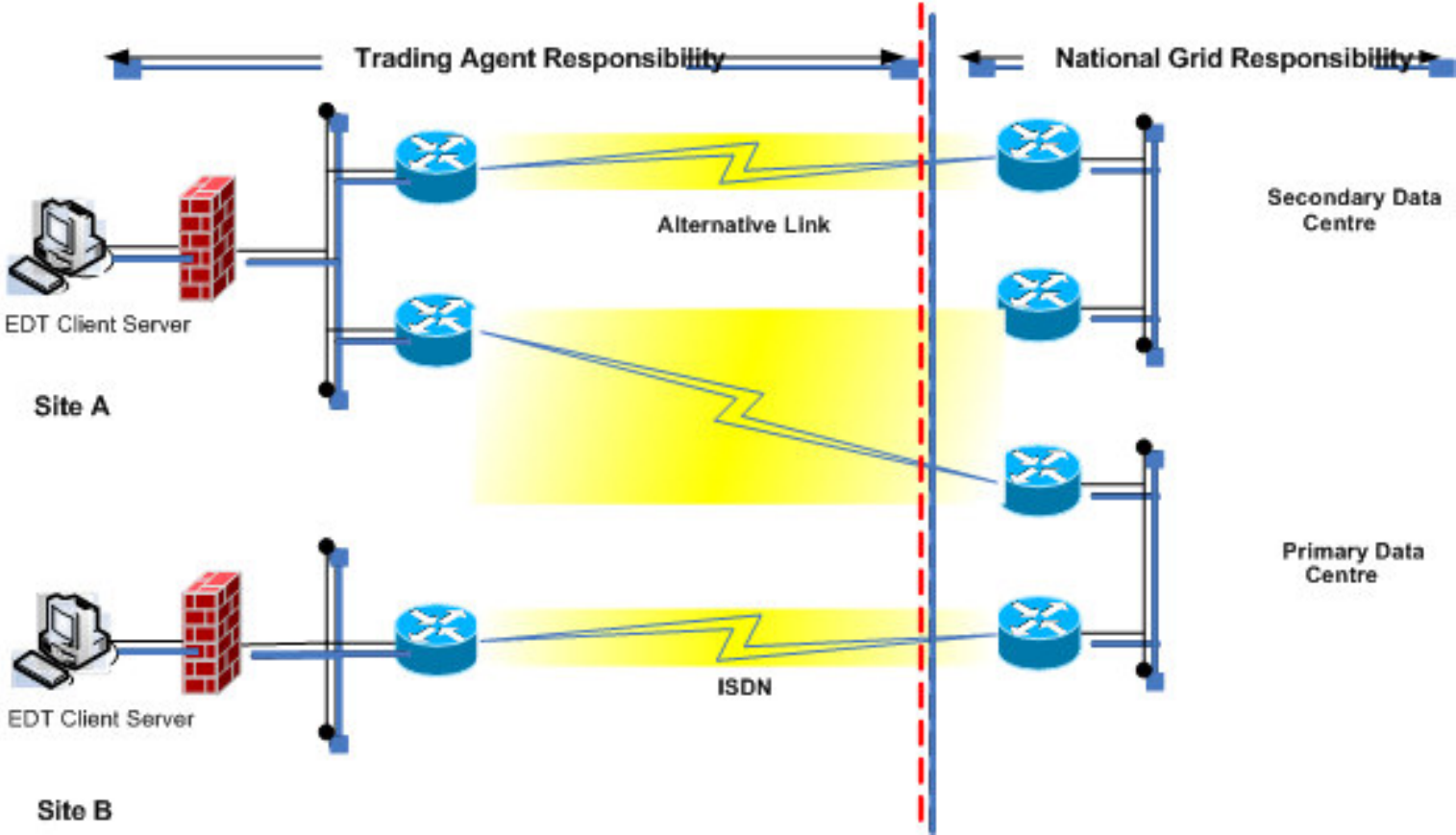
Network Overview

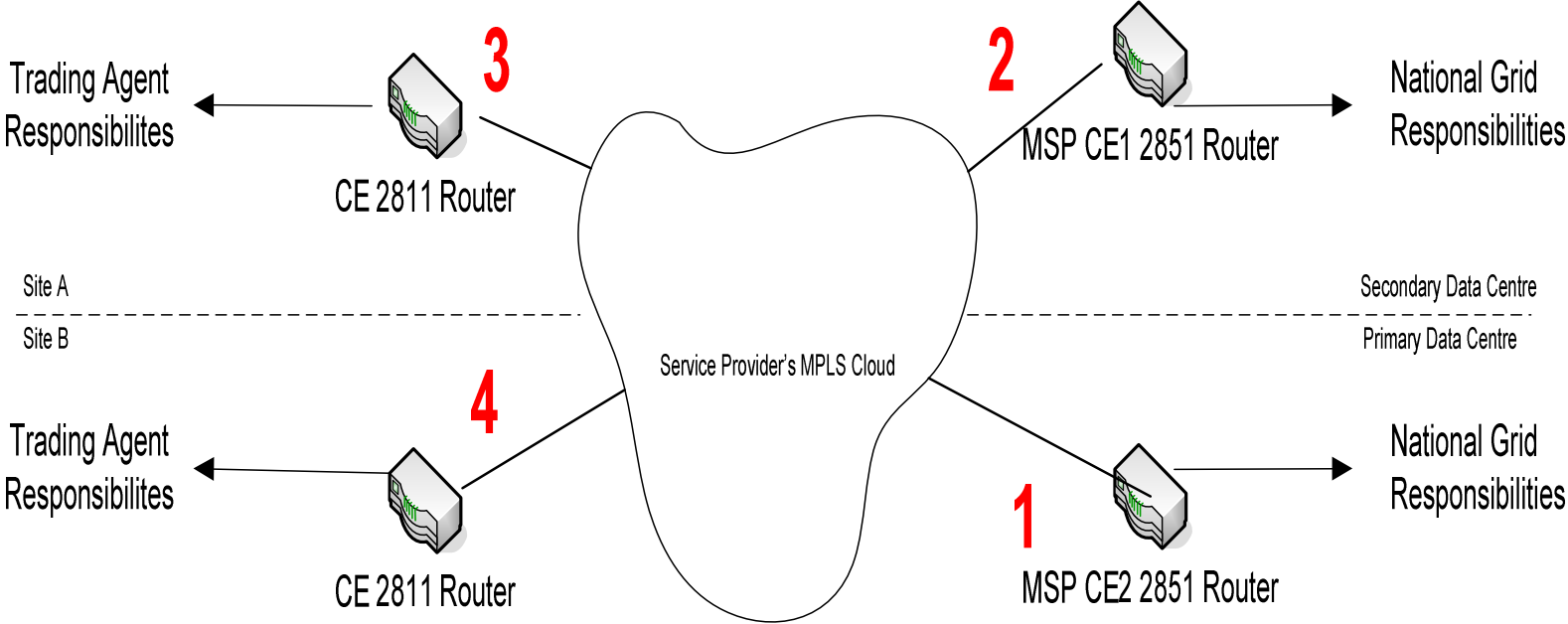**Figure 1.0: National Grid's Network Overview**

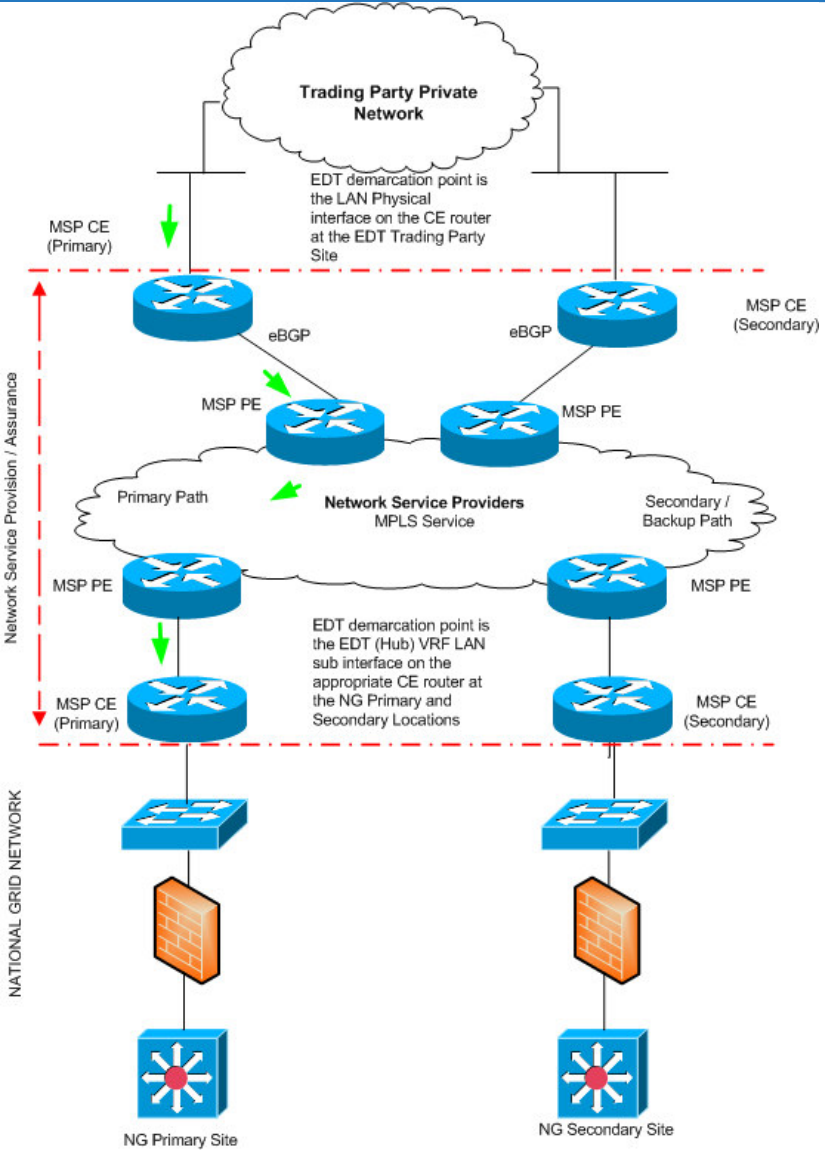# The Use of MPLS for EDT

Angela Richards-Chapman

EDT Architecture

MPLS Service for EDT

MPLS Service Cont'd – support

Additional Information

- What to consider when you order your link(s)

    - A managed service including CE routers (don't order a 'wires only' service)

    - Completely diversely routed connections (if you're ordering primary and secondary links)

- EDT MPLS Connectivity Options (Primary / Secondary)

    - MPLS / MPLS

    - MPLS / ADSL

    - MPLS / ISDN (not recommended)

    - MPLS / 64Kb (not recommended)

- Service Providers

    - Currently have a number of parties connected using C&WW as the MPLS Service Provider. It is possible to connect using other SP's, but this has not yet been requested.

Frequently Asked Questions

- What's the lead time on installation?

  - 12 – 16 weeks

- Is it possible to set new links in parallel to old links to allow for quick switchover / rollback?

  - Yes

- Who orders the links?

  - The Trading Party

- Are there any restrictions on the location of the trading point?

  - No known restrictions – set up may take slightly longer into europe

- Who are the National Grid on site technical contacts?

  - Technical coordination should be via bmu.registration@nationalgrid.com

- How do we engage with National Grid to initiate a project

  - Contact the e-mail address above, a service request will be raised to initiate the project.