Mainframe Legacy Access Migration

(MLAM)

Application Owner Meeting
10/28/2014 & 11/5/2014

IT INFRASTRUCTURE PARTNERSHIP

VITA

NORTHROP GRUMMAN

MLAM Introduction Topics

- Project Overview
- Working Together
- Next Steps
- Appendix - Usage Reports & User Lists

Project Overview

- Effort to ensure enterprise servers (mainframes) stay ‘modern’
  - Need to eliminate old/outdated hardware
    - CIP router
    - FEP (front end processor)
      - DLSw routers
- Need to assure and standardize secure connection methodologies
- Improve service quality

Project Overview

- What does this mean?
  - Eliminate older equipment
    - Support issues
    - Reliability
  - Establish secure mainframe connections

Project Overview

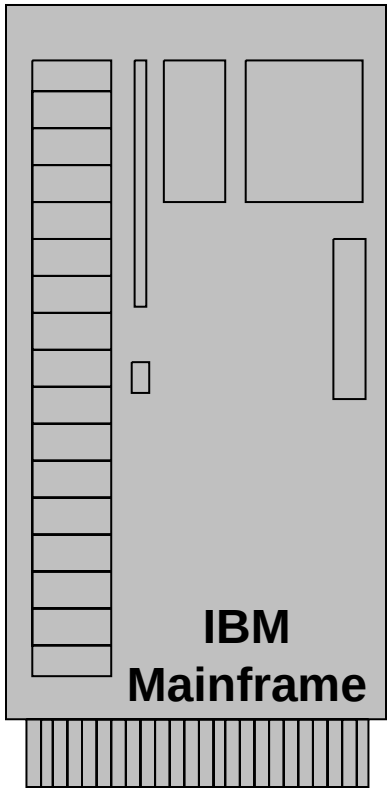
- What have we done?
  - Converted many users to:
    - Encrypted 3270 emulation
  - Eliminated older non-COV network circuits
    - Separate initiative
  - Sized the project / Identified the work
  - Created a working plan

Project Overview

- The working plan
  - Divide project into phases
    - CIP, DLSw, WebUTS
      - TN3270 terminal emulation changes
  - Determine/Confirm approach through application owners
  - Communicate and execute

Project Overview

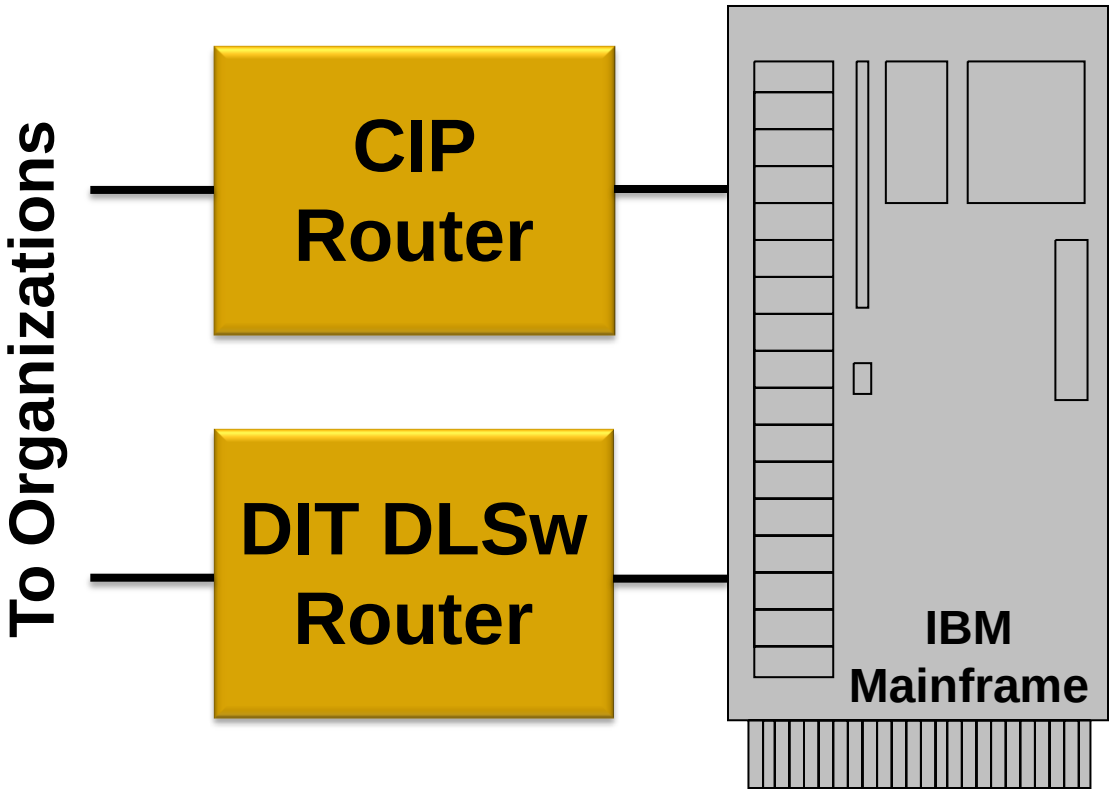
- Broad-Use Applications
  - CARS/CIPPS
  - Unemployment
  - CSS
  - APECS
  - LIDS/COIN
  - TIBS



- Other Functions
  - FTP
  - Mainframe printing
  - Agency specific functions

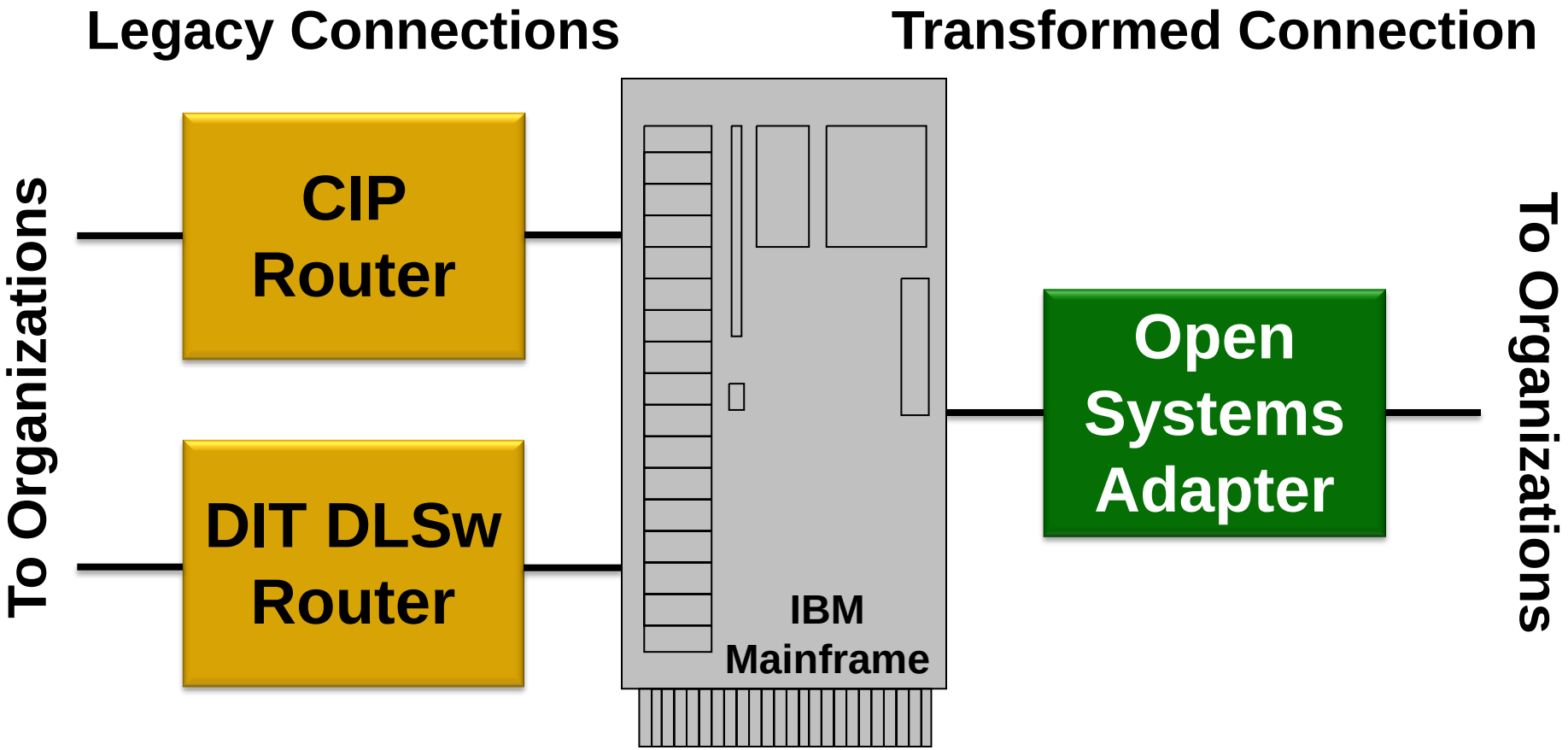
Project Overview

Legacy Connections



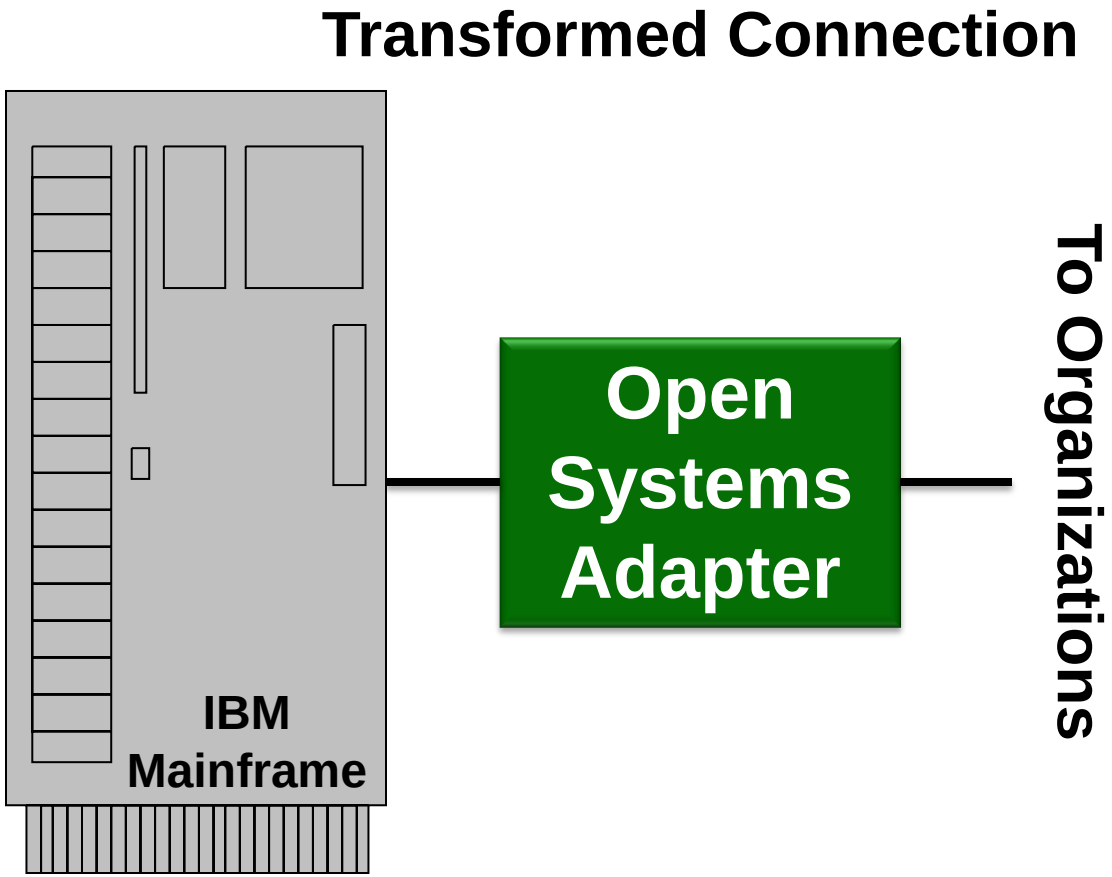
- Old technology
- Not easily serviceable
- Outdated standards

Project Overview



Project Overview

- Newer technology
- Faster
- More reliable
- More secure



Project Overview

- Application access off CIP and DLSw
- Application access on OSA
- Decommission of CIP and DLSw
- Secured TN3270 connections

Project Overview

- Expected benefits
  - Faster connection
  - More reliable connection
  - More secure connection

Project Overview

- **<u>Faster connection:</u>**
- More reliable connection
- More secure connection
- Less waiting time
- More efficient users
- Happier customers

Project Overview

- Faster connection
- **More reliable connection:**
- More secure connection

- Reduced chance of outage
- Easier to restore
- Happier customers

Project Overview

- Faster connection
- More reliable connection
- **More secure connection:**
  - More secure data transfer
  - Decreased risk to:
    - User organization
    - Application owner
    - Virginia residents
    - VITA/NG

Working Together

- What we have done so far
  - Worked on legacy circuits
  - Converted some COV users
  - Identified users by application
  - Created game plan to collaborate application owners
- What needs done?
  - Have all users acquire/install TLS-Encrypted TN3270 Emulator

Working Together

- Our Approach
  - Inform/solicit application owners
  - Explain project
  - Solicit and engage end-users appropriately
  - Have all users acquire/install TLS-Encrypted TN3270 Emulator
  - Receive new connection information
  - Test and go live

Working Together

- There may be complications
  - More work via access challenges
    - AS400s in some localities
    - Non-direct mainframe connections
- End results remains the same
  - TN3270 emulators acquired/installed

Working Together

- We need your help!
  - How can we solicit the users?
- What we are doing:
  - Targeting communications
  - Creating a public facing website
- We have lists of qualified TN3270 emulators
  - Validate user lists (authorized and current user)

Next Steps

- Review your suggestions
- Set up meeting to review user listings/data with CAM and/or project team (1–2 weeks)
- Coordinate communications
- Meet with end-users/agencies/localities
  - Target 90 days for completion
  - Adjust for unique situations

Next Steps

- What else?
- What are you expectations?
- Questions?

Appendix

Usage Reports & User Lists

Mainframe Usage Reports

- DIT DLSw Router
  - Finite list of connections
- CIP Router
  - Monthly and weekly reports of:
    - Organization
    - UserID
    - Application
    - Number of transactions