

USMCC to RCC Alert Communications

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Sam Baker

ERT, Inc.

USMCC Chief



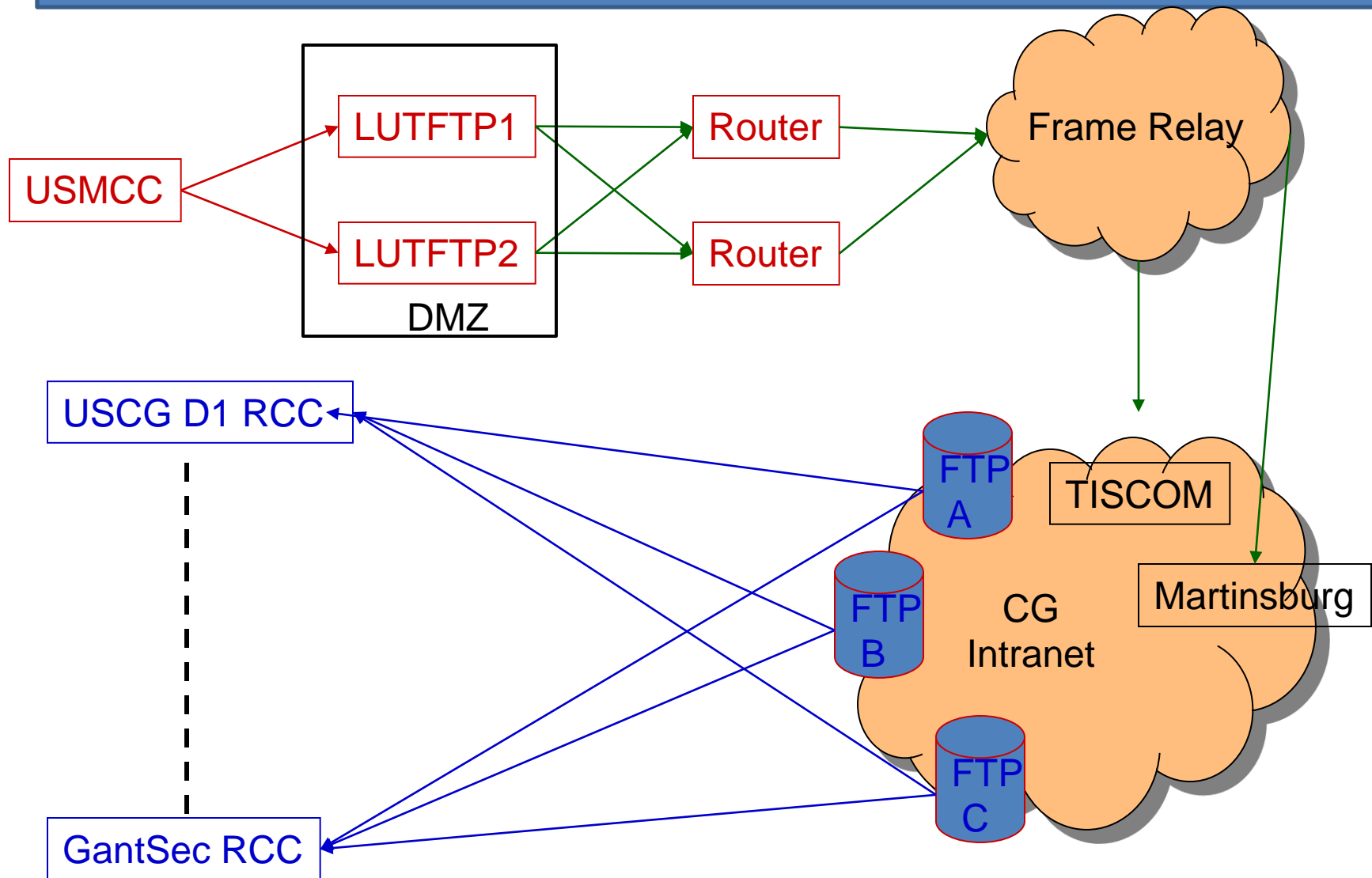


USMCC - USCG RCC Communications



- USMCC Communication Structure
 - Each organization that the USMCC communicates with is considered a *communication site*
 - Each communication site has one or more *communication paths*
 - Each communication site has unique message sequence numbers

USMCC to USCG Primary Communication





USMCC – USCG RCC Communications

- The USMCC:
 - “Puts” messages on one of the LUTFTP servers, then
 - An automatic process on the LUTFTP server detects the message and “puts” it on a USCG FTP server
- C2CEN tells the USMCC which USCG FTP server to put messages on
- The USMCC selects the:
 - LUTFTP server to “put” alert messages on and
 - USCG FTP server to “put” alert messages on
- The USCG RCC Controller selects which USCG FTP server their SAROPS workstation polls for messages from the USMCC



USMCC – USCG RCC Communications

- The USMCC Controller:
 - Can select either LUTFTP server without notifying the USCG RCCs
 - Must coordinate with all USCG RCCs when changing the USCG FTP server to which messages will be delivered
- Each USCG RCC Controller must take action to “point” its SAROPS workstation to the correct USCG FTP server



Responsibilities

- The USMCC is responsible for:
 - Maintaining the USMCC hardware and software
 - Maintaining all 4 frame relay circuits involved
 - “Putting” the alert messages on the correct USCG FTP server
- The USCG is responsible for:
 - Maintaining the USCG FTP servers
 - Selecting the correct FTP server to poll
 - “Getting” the alert messages from the USCG FTP servers
 - Maintaining the SAROPS hardware and software at the USCG RCC

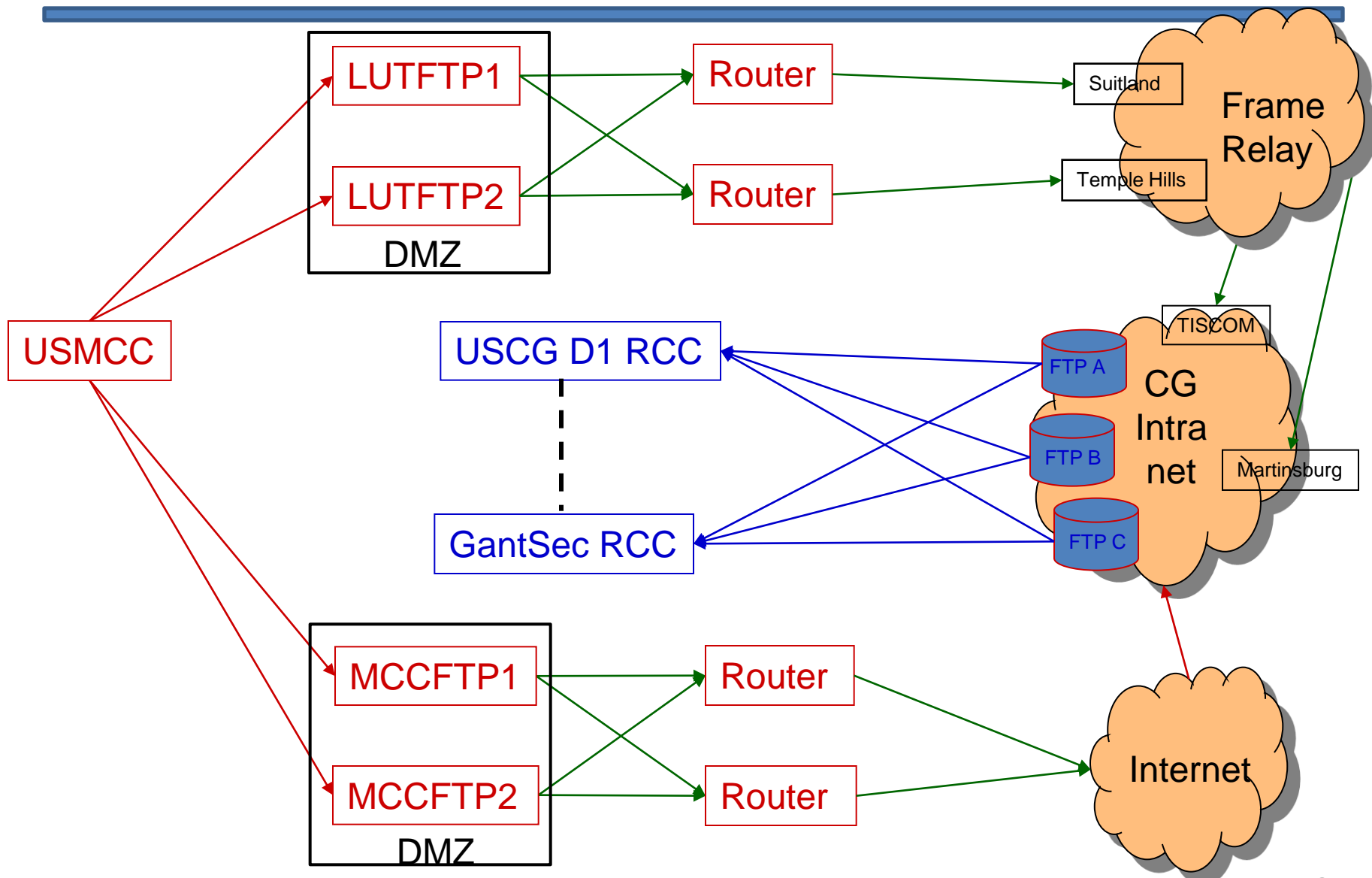


Future

- Transparent to the RCC Controller, in the near future FTP transfer change to SFTP
- The next slide shows additional redundancy using a VPN over the Internet, planned for the future



USMCC to USCG Future Communication





Summary

- USMCC currently has 8 paths it can select to each USCG RCC
 - 6 by FTP paths over frame relay as depicted in previous slide
 - By agreement with C2CEN, USMCC puts on the same server for all RCCs
 - By design, USMCC can put USCG RCC messages on different USCG servers
 - 2 via fax



Conclusion

- If you have a problem with your SAROPS workstation or your SAROPS workstation is not connecting to the USCG FTP server, who should you call?

- Questions?