

EMWIN-Denver Status Update

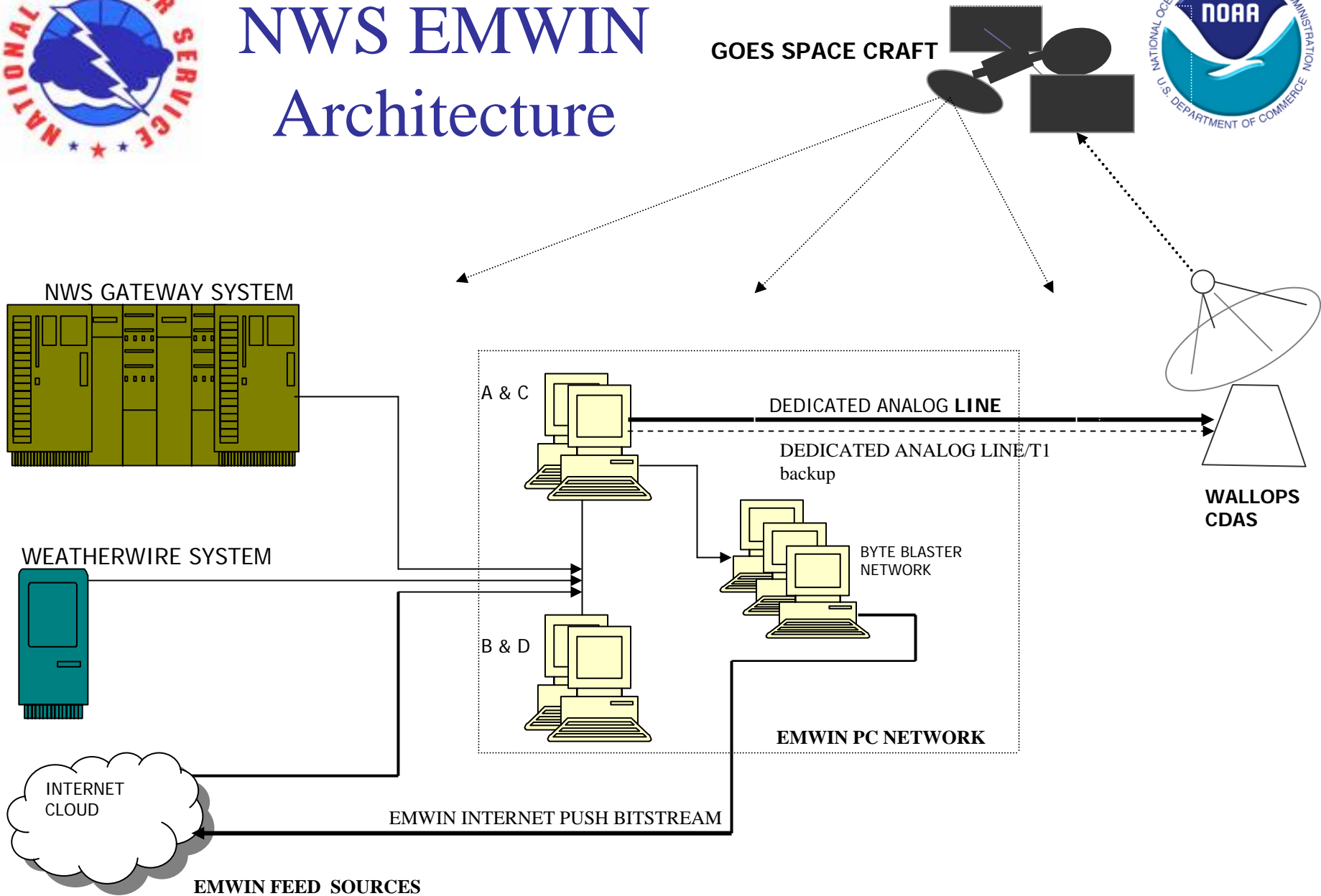
Kevin Stewart, UDFCD

November 28, 2007

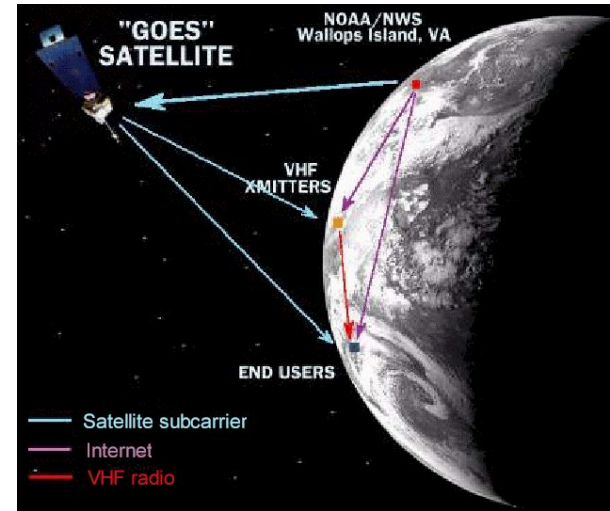




NWS EMWIN Architecture



- The NWS EMWIN data stream is sent to the Wallops Command and Data Acquisition Station (WCDAS), NESDIS where it is uplinked to satellites (GOES 12 and GOES 10)

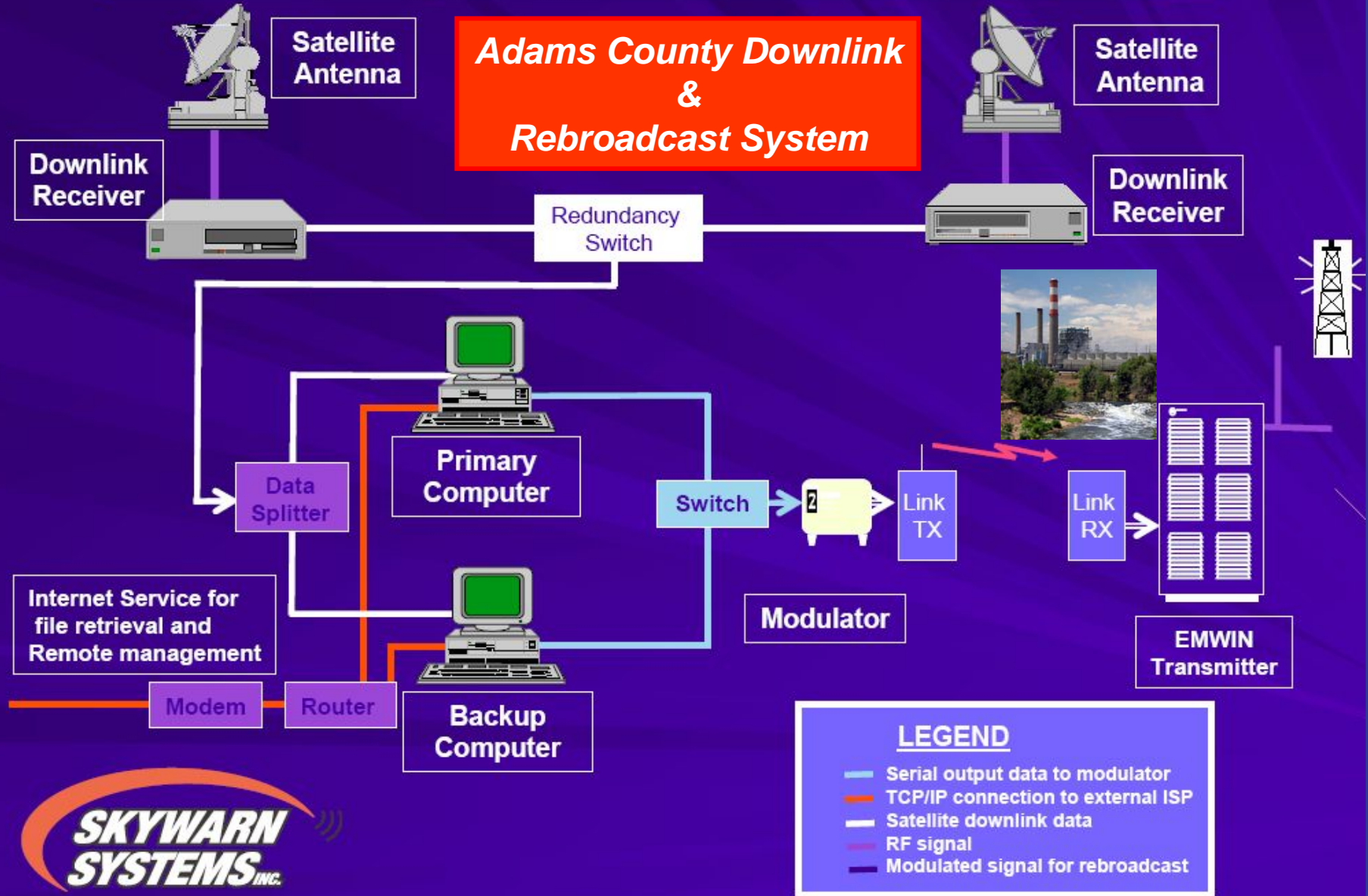


- EMWIN products are locally received via satellite downlink and Internet at Adams County, then redistributed via:
 - VHF radio (Xcel Energy's Cherokee Power Plant)
 - Internet (Byte Blaster)

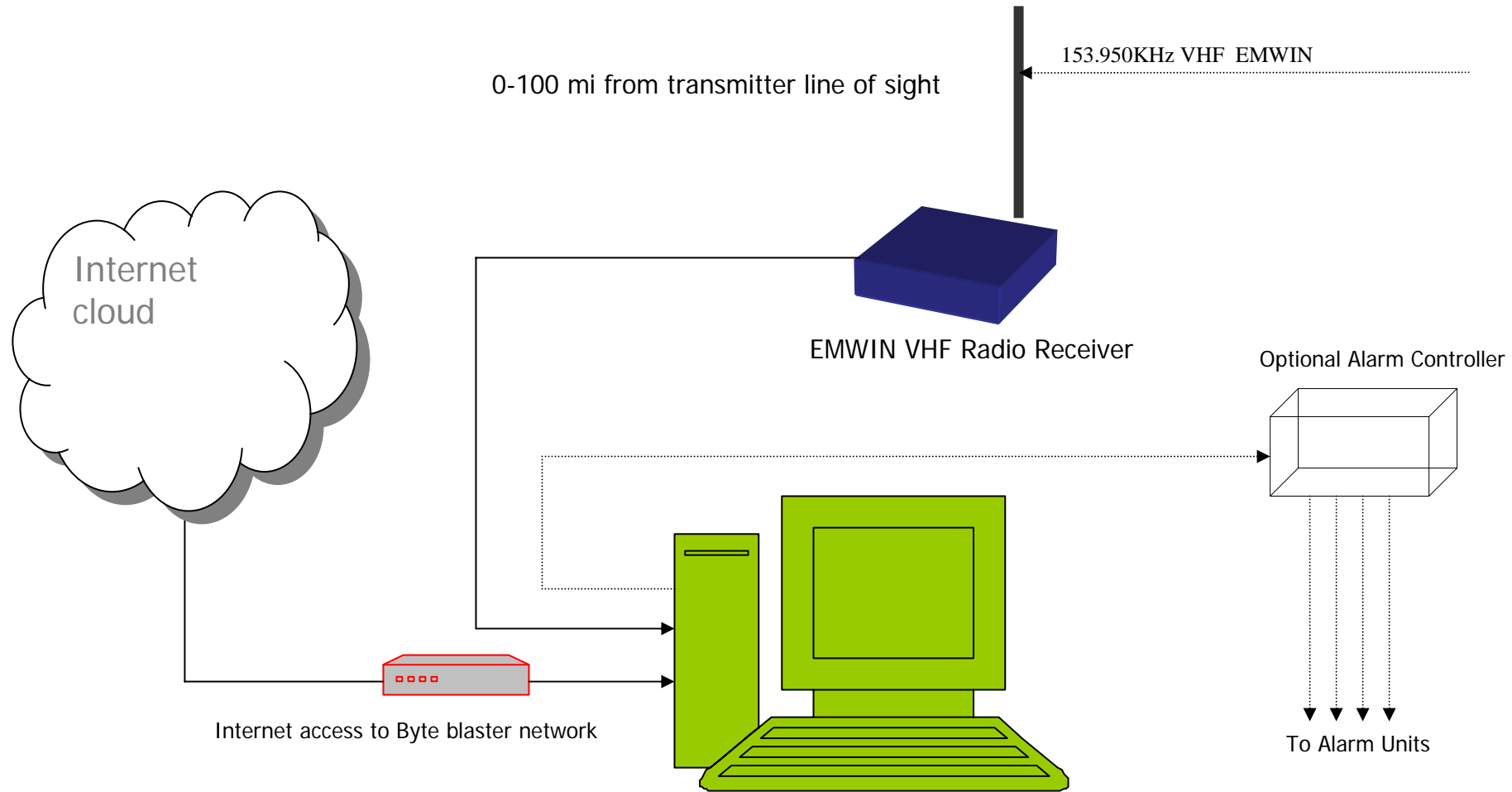


DHS grant used for initial "Phase 1" implementation

Front Range Retransmission System



Typical EMWIN Radio Re-broadcast User



Phase 1 DHS grant funds also used to acquire and distribute 31 units
Phase 2 funds used to achieve secure Internet connections at
Adams County and maximum use of these 31 units
Plans to expand VHF radio coverage delayed until maximum utility is achieved.

Current Status

EMWIN Denver

[Current Weather Products](#) [Message Injector Test Page](#)

Page last updated: November 26, 2007

[Download RealEMWIN Configuration Files](#) (updated September 2007)

[RealEMWIN Installation Instructions](#) (updated September 2007)

[User Training Slides](#) by Ray Bartik (September 13, 2007)

[Technical Training Slides](#) by Ray Bartik (September 13, 2007)

[Frequently Asked Questions](#) by Ray Bartik (September 13, 2007)

Emergency Managers may contact their ARES Coordinator for technical assistance.

<http://emwin.udfcd.org>

Denver Front Range Emergency Manager Notification System

Select Message Type:

Select Notification Area:

Enter Message Text
(max 2000 Characters):

Effective For:

SEND

Current Status



North Central All-Hazards Region

Serving the citizens and agencies of Adams, Arapahoe, Boulder, Broomfield, Clear Creek, Denver, Douglas, Elbert Gilpin, and Jefferson Counties.

Department of Homeland Security Grant

April 29, 2003 request letter (Jim Lancy)

Final Equipment Request List

NCR EMWIN Receiver Distribution List

- | | | | |
|-----------------------------|-------------------------|---------------------|--------------------------|
| ● Adams County | ● Clear Creek County | ● Golden | ● Thornton |
| ● Arapahoe County | ● Commerce City | ● Greenwood Village | ● Westminster |
| ● Arvada | ● Denver, City & County | ● Jefferson County | ● Wheat Ridge |
| ● Aurora | ● Douglas County | ● Lakewood | |
| ● Boulder, City & County | ● Elbert County | ● Littleton | ● Colorado DEM |
| ● Brighton | ● Englewood | ● Louisville | ● UDFCD |
| ● Broomfield, City & County | ● Federal Heights | ● Northglenn | ● University of Colorado |
| ● Castle Rock | ● Gilpin County | ● Sheridan | ● Xcel Energy |
| ● <i>System operational</i> | | | |