

State of Wyoming - PSCC
September 12, 2007



GLOBALSECURE
ONE FOCUS. ONE RESULT.



PREVENT » PREPARE » RESPOND » RECOVER

Agenda  **GLOBALSECURE**
ONE FOCUS. ONE RESULT.

- Introductions
- Overview of Global Secure Corp.
- Response Manager
 - Briefing
 - Update on WARN

Global Secure Corp. Companies  **GLOBALSECURE**
ONE FOCUS. ONE RESULT.

Prevent >> Prepare >> Respond >> Recover

Systems Division	<ul style="list-style-type: none"> • Information technology products and services • Design, support and review exercises
Training Division	<ul style="list-style-type: none"> • Hazard materials cleanup services & training • NIMS / ICS training
Safety Division	<ul style="list-style-type: none"> • Breathing apparatus devices; RescuePack • Cooling vests (BVS) – DoD + civilian applications

**Global Secure Systems:
Our Team's Experience**



- 9+ years in emergency preparedness and response programs
- 22 states and large cities/counties are clients
- Dept of Homeland Security's BioWatch project – lead technical and exercise vendor
- Proven in real crises – Sept 11th, Anthrax scares, hurricanes, floods, power outages, local events

**Global Secure Systems:
Products & Services**



- Multi-media alerting, role-based directory, and collaboration system
- Volunteer and Partner management system
- Campus Alerting system
- Special Needs Registry
- Hospital Capacity Management
- Preparedness Planning, Training and Exercises
- Task planning and tracking
- Custom development and integration services
- Single sign-on gateway

**Response Manager:
Partners on the system**



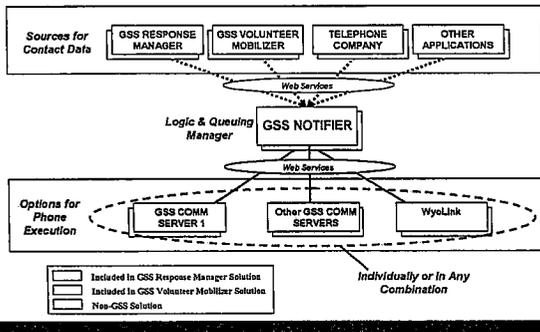
- DHS HSOC
- FBI JTTF
- DEA Field Offices
- Governor's office
- Public Safety
- Intelligence Centers
- Military Installations
- Emergency Management
- Public Health
- Private Sector
- Agriculture
- Public Works
- Tribal partners

**Response Manager:
Functionality Overview**



- Unmatched Role-based directory capabilities
 - Easily manages complex population groups
 - Unique real world roles
 - Portal with views/access tied to user profiles
 - Extendable to other applications
- Browser-based delegated administration and user self-admin.
 - Lowers total cost of ownership (delegated admin is feasible)
 - Improves accuracy of profiles (biggest problem for alerting)
- Multi-media alerting (Email, phone, pager, fax, radio)
 - Unique role-based alerting with confirmation and reporting
 - Unique controls over *who can alert whom*
- Collaboration tools and support for distance learning
- Fully published and supported WEB service APIs for core services

**Response Manager:
Enterprise Flexibility**



**WARN
System Overview**



**Wyoming Department of Health
Public Health Preparedness and Response**

Sheryl Roub & Paul Card

Alerting Radios:

A Conceptual Overview

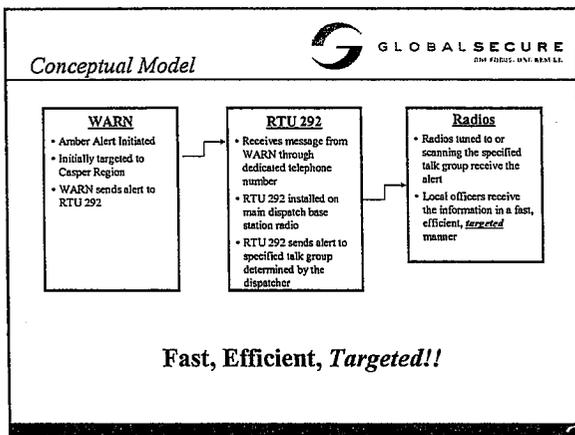
Alerting Radios:

Who Is This Guy?

Alerting Radios: Today we are going to discuss

- **How it Works**
- **What Spectrums**
- **Interoperability Advantages**
 - Talk Group Specific
 - Regional or Local
- **Amber Alert example throughout**
- **Answer questions**





WARN – WyoLink Integration For Radio Alerting

Selected Advantages

- Great way to quickly alert patrol cars and other specified vehicles in areas of limited cell sites
- Allows for targeted release (Local to Regional to Statewide)
- Redundant capability
- Key interoperable link with WARN and WyoLink

**WARN – WyoLink Integration
For Radio Alerting**



Selected Advantages

- Works on nearly all dedicated or trunked radio systems
- Digital or Analog
- Compatible with WyoLink's trunked VHF spectrum
- Operating in Michigan now
- *Not just a "Future Pipe Dream" – once the go-ahead is given and the PO is received it can be operational and ready for testing in approximately 30-45 days*
- Very Cost Efficient
- Greater Return on Investment



Questions?

**Thank You for the Opportunity to
Discuss This With You!**



APPENDIX

Global Secure Systems
Current Customers



- Wyoming
- South Dakota
- Colorado
- Vermont
- New Hampshire
- Virginia
- Oregon
- Washington
- Alabama
- Tennessee
- Iowa
- Ohio
- Michigan
- Pennsylvania
- California
- Kentucky
- San Diego County
- Washington DC
- Nevada
- Hawaii
- Maine



Contact Information:

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Director, Western Region
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EVENTS	717	320	29	49	559	0	0	28	0	1702
TRAFFIC	6821	1132	214	424	5363	0	0	298	0	14252

AUGUST 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	618	339	14	31	425	0	0	20	0	1447
TRAFFIC	7420	1019	163	300	3386	0	1	204	3	12496

SEPTEMBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

OCTOBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

NOVEMBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

DECEMBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

ANNUAL TOTALS FOR 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	4014	2268	146	239	2347	0	0	197	0	9211
TRAFFIC	47295	7674	1628	2758	21270	5	1	1935	17	82583

WyoLink Support Manager's Report to the PSCC

12 September 2007

New WyoLink Personnel

Troy Berg is our new WyoLink Network Specialist. He started July 30, and he is already taken on responsibilities related to developing our sites and administering codeplugs.

Pre-Negotiated Pricing Agreement

We are working with the NTIA and NIST (John Vanderau) to set up a testing schedule and procedure for verifying performance and specifications of radios that manufacturers document as being P25 Digital Trunking capable. There is nothing concrete to report yet, but I would expect some activity RSN, as the deadline for compliance certification to remain on the Pre-Negotiated Pricing List is September 30th.

Construction Progress

The WyoLink site map that is in your packet displays our progress to date. Construction is progressing well, and site development is moving forward. The most probable cause for delay exists with those 19 sites in Phases 2, 3 and 4 scheduled for completion by the end of 2007 that communicate with the Zone 2 Controller at the Casper POE. Due to an unanticipated microwave path obstruction near the tower at Casper Mountain, the link to the Casper POE (Zone 2 Controller) has too many errors to allow reliable operation of any sites talking to it. A new microwave path has been engineered and coordinated, and the equipment ordered. Contract negotiations between Alcatel and WYDOT have delayed this order, but as of August 31, the purchase orders have been released into production. As soon as this equipment arrives, WyoLink and WYDOT Microwave personnel will work together to have it installed and operational as quickly as possible. No target date is available yet, but it most likely will not be by Motorola's desired date of September 17th. This issue with Zone 2 communications will not affect the remaining 18 sites scheduled for completion by the end of 2007.

Frequencies and Licensing

We have reached the point where we are asking for Federal frequencies to replace those we cannot use in the industrial and business bands. Bob Symons is spearheading this effort. We (with Motorola's help) are applying for STAs at 11 sites to allow these sites to be activated before we receive our licenses. These STAs may not allow all of these 11 sites to be fully

WyoLink Support Manager's Report to the PSCC
12 September 2007

operational, but will at least allow us to test the sites and have some idea of their coverage profile. We are expecting these STAs to materialize in the next 2 to 3 weeks.

Expansion Site

The Cheyenne Water Tower expansion site is on track with the technical information form for tower sharing submitted to Union Cellular for review. When that returns, we can begin working with the City of Cheyenne for access.

Status of sites projected complete in 2008

In your packet is also a status report on all the sites shown in red on the site map. The status of each of these sites that are projected to be completed in 2008 is summarized.

Sites projected complete in 2008
Status as of September 4, 2007

3 Mile Hill:

Right of Way is working on this site. They were scheduled to send their appraiser to the Park County Courthouse in late August or early September. They are looking at a minimum of 60 days from September.

Winkleman Dome:

We are still working with our contact at the DOI and with the JBC to have the lease signed. There is a possibility that this site could be operational in 2007 if the lease is approved soon and construction can begin.

Windy Ridge:

The application for the site has been submitted to the BLM. They are discussing some of the technical aspects of the application with Chuck for clarification. These issues include the intermodulation study and the height of the proposed new tower.

South Pass:

This lease was sent to the AG for approval on August 22. Following this, we will sign it, then it will be sent back to the BLM for their signature.

Geneva:

The location for this site has not been determined yet. More research is needed to verify the microwave path to Sage and Salt Pass.

Salt Pass:

Tom Mahon with Wireless Consulting has approval from the District Ranger for the road to this site. The next step is to secure a clearly defined scope of work for the environmental and cultural review studies required to secure approval of this site.

Narrows Hill:

We have the lease for this site. We are still attempting to secure easements to use the access road, but we have been assured by ROW and the AG's office that this will not affect construction at this site. We can begin any time now.

Pow Wow:

Wireless Consulting prepared a comprehensive justification document that will now be submitted to the BTNF. This will hopefully get us the approval we need. We are anticipating making this a joint effort with several other entities. This will reduce the cost to WYDOT and will make BTNF approval much more likely.

Sites projected complete in 2008
Status as of September 4, 2007

Snow King:

We have verbal approval from the BTNF for our site contingent on a few modifications to the proposed building. We are waiting for this approval and the modifications to be provided in writing. Marty will contact Ray Spencer to obtain this.

Rendezvous Peak:

Wireless Consulting will be meeting with the BTNF and the Resort on Sept. 12 to negotiate site and design issues. The proposed site will be surveyed, and sketches of the proposed building along with other relevant information will be prepared.

Pinkham Mountain:

Right of Way has the site proposal and will be working with Sen. Wayne Allard to obtain a lease. Sen. Allard has indicated that there would be no problem with the lease. Jelm Mountain is a microwave only site that will connect Pinkham Mountain with Laramie WYDOT. Barb Chancellor has submitted the application for this site to the BLM and has not heard anything negative so far.

TBD (Big Horns):

Wireless Consulting is working on determining a location for this site. A proposed location has been identified (Bear Rocks) and will be discussed with Gayle Laurent (USFS Sheridan). If this site passes informal review, then application documents will be prepared.



Dave Freudenthal
Governor

Steve DeCecco
Chairman

State of Wyoming

Public Safety Communications Commission

Memorandum

To: WyoLink Support Manager, Telecommunications Program,
Wyoming Department of Transportation

From: Steve DeCecco, Chairman  9/12/07

Date: September 12, 2007

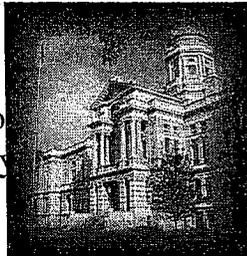
Re: Designation of administrator for the WyoLink system

1. Purpose. To designate the role of the WYDOT Telecommunications Program's WyoLink Support Manager as the administrator of the WyoLink system, in pursuance of Wyoming Public Safety Communications Commission Rules and Regulations.
2. Background.
 - a. Wyoming statute 9-2-1104, regarding the PSCC, states -
 - (a) *The commission shall:*
 - (i) *Work with the administrator of the information technology division of the department of administration and information and the department of transportation in an advisory capacity to promote the development, improvement and efficiency of public safety communications systems in the state;... and...*
 - (v) *Promulgate necessary rules and regulations governing system operation and participation and upon failure to comply with adopted rules and regulations, may suspend system use and participation by any participating and noncomplying public safety agency or private entity;*
 - b. Wyoming Statute 9-2-1026.1(b) (i), regarding WYDOT's responsibilities, states -
The director of the Wyoming department of transportation and the colonel of the Wyoming highway patrol shall administer and control the operation, maintenance and conduct of the two-way, land based mobile and related facilities for the law enforcement and maintenance radio-microwave systems specifically provided by the department and patrol and performed by radio technicians, dispatchers and telephone operators. The department shall provide and accommodate agency and institutional service needs as approved jointly by the telecommunications division and the department and as agency and institutional budgets allow;
 - c. Wyoming PSCC Rules and Regulations, Chapter 1, Section 3(b) state: "*Administrator*" means the State of Wyoming employee that is tasked with the operation and management of the WyoLink system

Wyoming
Office of Homeland Security

1 (307) 777 - HOME
(4663)

Wyoming Office of
Homeland Security



“Improving America’s Security Act
of 2007” House of Representatives
Bill (H.R.1) has provided the state
of Wyoming a Public Safety
Interoperative Communications
Grant for FY 2007 in the amount of
\$5,952,187

Eligible Applicants Section

- The PSIC grants will be awarded to the 56 States and Territories
- The Governor of each State has designated a State Administrative Agency (SAA) to apply for and administer the funds under the PSIC Grant Program
- The SAA is the only agency eligible to apply for PSIC funds. The SAA is responsible for obligating PSIC funds to eligible pass-through public safety agencies

Grant Performance Period

The grant performance period is 36 months, beginning October 1, 2007 to September 30, 2010.

Prepositioning Interoperability Equipment

Included in the new grant is a requirement to preposition interoperability equipment within the state to be deployed in the event of a crisis or major disaster.

Consistent with our existing Homeland Security grants, 80 percent of the grant must be allocated to local jurisdictions and tribal governments.

This grant requires a 20 percent local or state match. No match is required for training purposes, but training expenses cannot exceed 20 percent of the total grant.

- Wyoming State Initiatives
- (1) WYOLINK Interoperability Initiative
 - (2) Regional Emergency Response Teams
 - (3) Wyoming Improvised Explosive Detection and Response Program
 - (4) Wyoming Critical Infrastructure Protection
 - (5) Wyoming Evacuation Plan
 - (6) Agriculture Livestock Yards Initiative
 - (7) Department of Health Initiative

The guidance clearly states "projects should emphasize regional/consolidated equipment investments. Our investments approved by the United States Department of Homeland Security and expenditure of existing funds currently correlate and support WYOLINK and Regional Emergency Response Team initiatives.

Region 1	\$	51,220.89	\$	10,244.18	Campbell, Crook, Johnson, Sheridan, and Weston Counties
Region 2	\$	51,220.89	\$	10,244.18	Converse, Natrona, and Niobrara Counties
Region 3	\$	51,220.89	\$	10,244.18	Albany, and Carbon Counties
Region 4	\$	51,220.89	\$	10,244.18	Lincoln, Sweetwater, and Uinta Counties
Region 5	\$	51,220.89	\$	10,244.18	Fremont, Sublette, and Teton Counties - Wind River Res
Region 6	\$	51,220.89	\$	10,244.18	Big Horn, Hot Springs, Park, and Washakie Counties
Region 7	\$	51,220.89	\$	10,244.18	Laramie, Goshen, and Platte Counties
WLEA/MSV2	\$	51,220.89	\$	10,244.18	
MSV1	\$	51,220.89	\$	10,244.18	
	\$	460,988.01	\$	92,197.80	

Draft

Total PSIC funding

Total	FY 2007	\$5,952,187.00
Prepositioned Equip		
Required by grant		<u>\$(460,988.00)</u>
		\$5,491,199.00
	80%	\$4,392,959.20
	20%	<u>\$1,098,239.80</u>
		\$5,491,199.00
20% for state		\$1,098,239.79
3% Admin		<u>\$(164,735.97)</u>

The Wyoming Office of Homeland Security has been tasked by the governor and legislature to provide an accounting and correlation of federal Homeland Security funds distributed to counties, tribes and law enforcement to support the WYOLINK project. The PSIC local portion of the grant and distribution of any funds to the above described local entities will be held in abeyance until a review by the governor and the legislature.

Future Funding Formulas

No state receives less than a decreasing amount equal to .50 to .35 percent of the total funds appropriated.

2007 (80 % to Locals/Tribes – 20% match)		5,982,187
Fiscal Year	Wyoming	Totals for all states/Territories/Tribes
		<i>Such sums as necessary</i>
2008		
2009	(0.50% = 2,000,000)	400,000,000
2010	(0.45% = 1,800,000)	400,000,000
2011	(0.40% = 1,600,000)	400,000,000
2012	(0.35% = 1,400,000)	400,000,000

Questions?

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Discussion

Wyoming
Office of Homeland Security

1 (307) 777 - HOME
(4663)

Herschler Bldg. 1st, East
122 W. 25th Street
Cheyenne, WY 82002

[Http://wyohomelandsecurity.state.wy.us](http://wyohomelandsecurity.state.wy.us)

Statewide Communication Interoperability Plan Investments

1. Training
2. Portable Radio Coverage Enhancements
3. Casper/Natrona County & Cheyenne Fire 800 MHz Connectivity
4. Dispatch Center Connectivity and Redundancy
5. Mobile and Portable Radio Purchases
6. Frequency Acquisitions
7. Site Acquisitions
8. Adjacent State Connectivity