

# The Federal Facility Resilience Webinar Series

## Army Installation Strategy

### January 14, 2020



**Hon. Alex Beehler**  
Assistant Secretary of the  
Army for Installations,  
Energy and the  
Environment



Mr. Richard Kidd, Deputy  
Assistant Secretary of  
Defense for Environment &  
Energy Resilience



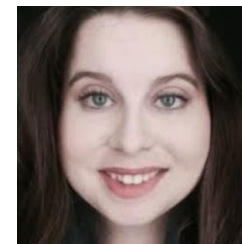
**Maj. General Robert Harter**  
Chief of Staff, Army Materiel  
Command



**Scott Manson,**  
Engineering Services Technology  
Director, Schweitzer Engineering  
Laboratories



**Edward Saltzberg**  
Director of Professional Education  
Environmental and Energy  
Management Institute, GWU



**Joyce Dueley**  
Emerging Technology and Innovation  
Specialist, Zpryme

# Agenda

**Welcome:** Edward Saltzberg, GWU

**Army Opening:** Hon Alex Beehler, IE&E

## **Army Installation Strategy**

- Mr. Richard Kidd, Deputy Assistant Secretary of Defense for Environment & Energy Resilience; 2-slide presentation accompanies remarks
- MG Harter, Chief of Staff, Army Materiel Command (AMC)

## **Industry and Community**

- Mr. Scott Manson, Engineering Services Technology Director, Schweitzer Engineering Laboratories
- Joyce Deuley, Emerging Technology and Innovation Specialist, Zpryme

**Panel Discussion:** Mr. Beehler

- **Audience Q&A**
- **Army Closing: Mr. Beehler**

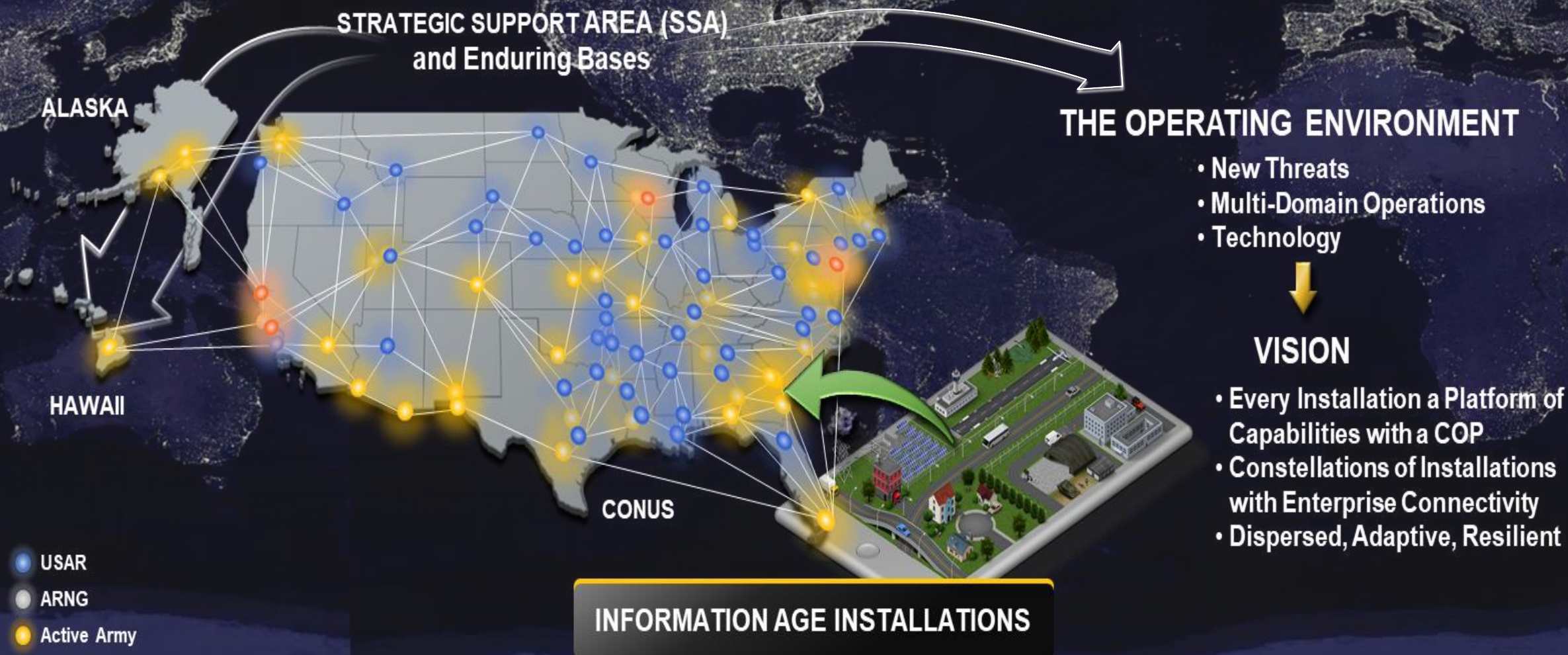
Please take the exit survey.  
Add questions to the Chat box  
**Download the slides**  
Video will be available after the session





# Army Installations Strategy (AIS)

Modern Installations Support the Total Army



# Army Installations Strategy

ARMY INSTALLATIONS STRATEGY FRAMEWORK					
LINES OF EFFORT		ENABLERS		STRATEGIC OUTCOMES	END STATE
1	<b>TAKE CARE OF PEOPLE</b> <ul style="list-style-type: none"> <li>Adapt Quality / Functional Facilities</li> <li>Deliver Modern Services</li> <li>Conduct Safe Operations</li> </ul>	D A T A	P A R T E R N S H I P S	Attract, Retain, and Enable People	Modern, resilient, sustainable installations, enhancing strategic readiness in a contested MDO battlespace, while providing quality facilities, services, and support to our Soldiers, Families, and Civilians.
2	<b>STRENGTHEN READINESS and RESILIENCE</b> <ul style="list-style-type: none"> <li>Operationalize Installations</li> <li>Expand Protection</li> <li>Adopt Resilient Systems</li> <li>Educate / Train the Team</li> </ul>			Project Combat Power and Sustain Operations from a Contested Environment	
3	<b>MODERNIZE and INNOVATE</b> <ul style="list-style-type: none"> <li>Modernize and Secure the Information Backbone</li> <li>Support Army Modernization Initiatives in the AMS</li> <li>Transform Installation Operations</li> <li>Reward Innovation</li> </ul>			Modernized Installations Supporting the Modernized Army	
4	<b>PROMOTE STEWARDSHIP</b> <ul style="list-style-type: none"> <li>Preserve Natural Resources / Sustain the Mission</li> <li>Remediate Contaminants</li> <li>Implement Risk-Informed Metrics and Modern Technologies</li> </ul>			Healthy, Sustainable Training, Working, Living Environment	

**“It’s all about taking care of People. Installations must be in a position to allow the Army to do its job. As we transform the Army, we have to transform installations along with it.”**

GEN James C. McConville, Chief of Staff, Army





# Protecting Humans, Equipment and the Environment

*Scott Manson - Technology Director*



# Recent Developments in Garrison and Operational Power

- Complexity reset
- TMS MIL STD
- Energy packet controls
- Expanded use of stranded assets
- Renewable & storage energy limitations
- Nimble procurement strategies

# Energy Packet Techniques Ensure Resiliency and Reduced Cost

**Engine Manufacturer  
1900-2020**

Frequency  
(Hz)

60  
58  
56

Power  
(W)

30,000  
15,000  
0

**Energy Packet  
Controls  
2020**



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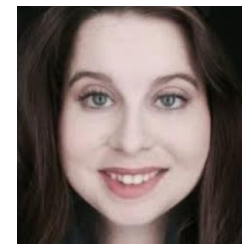
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