AREVA Wearable Technology

Improving worker efficiency with 3-D operational interface

Every Innovation Has a Mission

One of utilities' top priorities in the 21st century is securing their operational excellence. Tangible results that ensure safety, quality, performance and delivery are paramount. Your teams can count on AREVA to deliver innovative solutions that:

- Reduce cost
- Reduce critical path time
- Reduce workforce dose
- Increase task safety and efficiency
- Resolve emergent issues quickly
- Improve plant performance

Improved Communication: Real-Time and Hands-Free

Utilities continuously seek ways to reduce cost and dose and improve plant performance. AREVA's Wearable Technology enables workers to have hands-free access to technical information, increasing task safety and efficiency. This technology captures and transmits video and images with digital voice communication, allowing real-time communication between engineering, field operations and outage management. Field personnel have the ability to safely view data without interruption of the wearer's "direct line of sight."

With the ability to communicate via AREVA's wearable technology, you no longer need to have all outage resources on the job site. Many functions formerly on-site can now be performed remotely:

- Health and dose monitoring
- Independent verification
- Quality oversight

Features & Benefits

- Hands-free access to technical information
- Real-time communication between field operations and management
- View data without interrupting direct line of sight
- Reduces need for on-site resources

AREVA
forward-looking energy

Wearable Technologies

Wearable technology is changing how the world thinks about mobile computing. At the front of this change are smart glass hardware platforms. Today, this technology is having the greatest impact, where smart glass-enabled field workers have hands-free access to contextually-relevant, real-time information.

Ecosystem of Devices

Smart glass is a term used to describe a new generation of wearable computing devices that allow the wearer access to information directly or indirectly into their field of view. GPS, video/image capture and high resolution transparent displays come together to provide desk-less workers the ability to access information to become more efficient.

Key Factors of Use

- Renders information on a transparent screen, on an infinite canvas around the user
- Continuously pushes data from machines, sensors or apps
- Provides development tools, admin tools and dashboards
- Processes local camera information for recognition of objects, codes and faces using computer vision
- Continuously keeps track of location, orientation and state
- Enables ability to interact with the device with head-tracking, voice or gestures

AREVA Inc.
7207 IBM Drive, Charlotte, NC 28262

John Peters
Sr. Manager of Innovation and Technology
john.peters@areva.com
Tel: 434.832.3077 – Cell: 434.841.0988

Gerry Ottman
Sr. Manager of Innovation and Technology
gerald.ottman@areva.com
Tel: 434.832.4097 – Cell: 434.841.1912

or your VP, Key Accounts:
Tel: 704.805.2410
us.areva.com

6/15 **ANP:U-561-V1-15-ENG**