REDCOM Laboratories Inc.

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REDCOM Laboratories Inc. is a manufacturer and developer of hardware and software for unified communications voice communications. For 40-plus years, REDCOM has been designing and manufacturing technologically advanced communications solutions in the United States. REDCOM's products, built to military specifications, are optimized for low size, weight and power, making them the ideal communications core for denied environments or deployments to the tactical edge.

REDCOM has a long history of successful deployments at the highest levels of government, in telephone networks around the globe, and in leading DoD communications programs for the Army, Air Force, Marine Corps and Navy.

Today's warfighter is presented with challenges unforeseen by previous generations. Rapid evolution of commercial technology has enabled peer adversaries to integrate and field technology that can exceed the capabilities available to U.S. Army soldiers. These technologies present a real and immediate threat to the tactical infrastructure, which can cripple the ability to command, control and communicate.

Lengthy validation, procurement and fielding processes consume precious time and have resulted in a complex mix of outdated products in the field that are full of proprietary, noninteroperable technology.

REDCOM has the solution. REDCOM developed Sigma—a modern, robust and lightweight call control platform—specifically to support U.S. Army modernization strategies. Sigma is an intuitive, software-based, unified communications platform listed on the Defense Information Systems Agency's Approved Product List. REDCOM Sigma features a

REDCOM Laboratories Inc. headquarters in Victor, New York.

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Federal Information Processing Standard 140-2 validated encryption engine and is compliant with federal requirements.

REDCOM Sigma key benefits include:

- Reduced hardware/software footprint. REDCOM Sigma delivers call control, conferencing, a Dynamic Host Configuration Protocol server, Assured Services Session Initiation Protocol and transcoding all on a single virtual machine. Previous solutions required deploying multiple virtual machines or pieces of hardware for the same functionality. Additionally, the storage, memory and processor requirements for Sigma are significantly lower than existing solutions, yielding an overall cost savings per deployment.
- Intuitive user interface. Sigma's intuitive web-based interface reduces training ramp-up time, without the need to learn a command line interface. The interface is easy to navigate, highly customizable and quick to set up. This helps eliminate the military's reliance on industry field service representatives and enables quick deployment.
- Resiliency to hard shutdowns; rapid boot time. Sigma does not require the operator to save the work before shutting down, and therefore is resilient to hard or unexpected powering off. Additionally, it has an extremely rapid boot time. These factors make Sigma ideally suited for tactical deployments, and are directly aligned with the U.S.

Army's strategy to become more agile.

- Simple and scalable licensing. Sigma offers a simple licensing model with a minimum of options. The bulk of Sigma capabilities are included in the base license, with fewer than 10 optional feature capabilities. Further, all capability licensing is accomplished by deployment of a single license file. These methods reduce the complexity of pricing, ordering, integrating and deploying Sigma, which in turn reduces operational costs.
- Interoperability with legacy devices. With a standards-based approach, REDCOM has ensured that Sigma is interoperable with the existing deployed base of handsets. This results in a cost savings for the armed forces by avoiding the "rip and replace" of tens of thousands of handsets.

At REDCOM, we are intensely focused on meeting the communications needs of the modern warfighter. We do this through a "brilliance in the basics" approach. We build simplicity and reliability into every product we develop, which directly translates into effectiveness at the tactical edge. We enable mission security for our government and military customers with solutions that are validated, resilient, interoperable and easy to use.

Contact a REDCOM solution adviser to learn more about our military-grade products, or for a demonstration of our communications technology in action.