**FEDERAL
CLOUD SECURITY**

FedRAMP
COMPLIANCE

REGULATORY ALIGNMENT BRIEF

Embrace federal cloud security with a hosted service that supports FedRAMP Security Controls and promotes public trust.

/// BLUEZONE

DELIVER SUSTAINABLE
FedRAMP COMPLIANCE

FedRAMP Background
Controls for security authorization of information systems in cloud computing environments.

Cloud computing offers a unique opportunity for the Federal Government to take advantage of the cutting edge information technologies, in order to reduce operating costs and increase the efficiency of services offered to its citizens. To provide a cost-effective, risk based approach for quick adoption of cloud services, in 2011 U.S. Office of Management and Budget (OMB) released a policy memo known as the *Security Authorization of Information Systems in Cloud Computing Environments*.

The memo required all Federal Agencies meeting specifications of the Federal Risk and Authorization Management Program (FedRAMP) – a government-wide initiative that applies the objectives of Federal Information Security Management Act of 2002 (FISMA) to cloud services. FedRAMP allows agencies easily reusing existing FISMA authorizations.

FedRAMP was developed in collaboration with the National Institute of Standards and Technology (NIST), the General Services Administration (GSA), the Department of Defense (DOD), the Department of Homeland Security (DHS), and other agencies and working bodies participating in reviewing and standardizing controls, policies and procedures for secure federal cloud operations.

FedRAMP introduces an innovative policy approach to developing trusted relationships between Federal Agencies and Cloud Service Providers (CSP), which collectively must implement the defined security controls within a cloud computing environment. A Joint Authorization Board (JAB) of experts from GSA, DOD and DHS accredits third-party organizations to perform an independent security assessment of FedRAMP requirements for a cloud service.

Limit the exposure of sensitive Federal data within or outside your agency cloud infrastructure.

A unique, innovative bluezone solution reduces the footprint of critical Federal information, leaving only benign, non-sensitive data behind. A self-contained, engineered environment becomes your lightweight secure inter-connect, with privacy controls applied to discrete data elements.

The solution allows you to centrally and uniformly manage all traffic of Federal interest, whether it is exchanged internally within your agency, or with other Government departments and citizens involved in the automated process flow. In a secure, integrated bluezone environment you can quickly and safely manage your critical data with minimal administration and maintenance effort. As a result, the cost and timeline to demonstrate your FedRAMP compliance are significantly reduced.

Such substantial benefits have become possible due to a concept of capturing sensitive data at the network perimeter, preventing it from ever entering and "contaminating" the computing systems and network devices in your cloud environment.

The encrypted and tokenized digital assets are no longer in the scope of FedRAMP compliance audit, or at risk of being lost or compromised. The complex public service workflows and the related information systems no longer require redesign.

In the era of cloud computing having evolved as a model for enabling ubiquitous and convenient access to a pool of digital resources, the bluezone solution managed to combine both elasticity of the cloud and security of Federal data. A "zero trust" approach, where the so called "trusted network" no longer exists, was laid in the foundation of a small-footprint data protection environment with access to components strictly on a need-to-know basis.

In a nutshell, your applications and infrastructure have been eliminated from the exposure to cyber-threat. Those systems and processes remaining on the FedRAMP control radar have been reduced to carefully engineered and validated zone, safely accessed regardless of who initiates the network communication and where it originates.
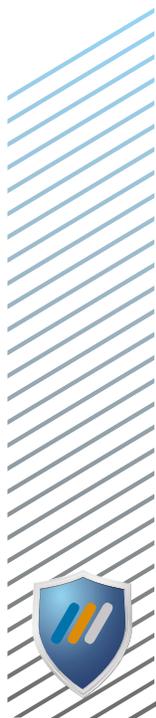
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Immediate cost savings

Packaged compliance

Managed security

Global presence

Reliable, simple, affordable. Certified.

An instance of the zone is powered by bluegrid, the industry's first integrated security system engineered to address the complexity and cost of FedRAMP, among other regulatory standards.

The compact, portable cloud service is based on a high-density component architecture covering network, servers, storage and applications which support large transaction volumes and carrier-grade communication throughput.

Every component of bluezone provides built-in redundancy to meet continuous cloud service availability, fault tolerance and scalability. FedRAMP compliance is now simple and sustainable.
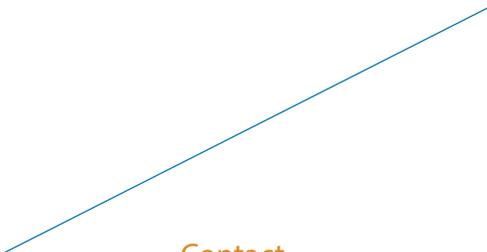
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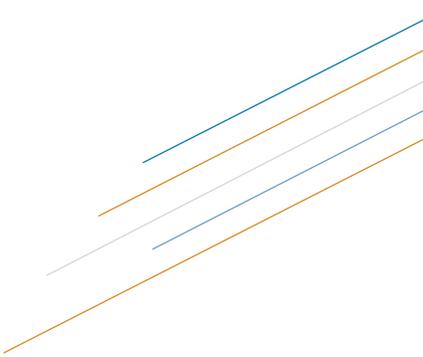
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