

TECHNOLOGY OVERVIEW



The platform running FoodSHIELD operates in Amazon Web Services GovCloud, the same infrastructure trusted by the most secure government portals and applications. With a FEDRAMP High designation, the most stringent controls are placed on all materials processed and stored in the cloud.

FoodSHIELD was designed with a **Privacy First** approach. Membership is restricted to vetted persons that are a part of the food safety and public health sectors.

Members have full access to all primary applications. Members may create working groups or teams and can invite guests to participate in these groups, but they have limited capacity to only work with data specifically shared with them. This allows for trusted individuals to create groups, training, meetings, and more yet have the flexibility to incorporate guests on a case-by-case basis.

A significant challenge in traditional collaboration is the piecemeal approach of solutions being siloed in different providers. Each of these providers may run in different clouds with unknown security postures. Even linking some of the different solutions together provides an inelegant and introduces risk in data sharing.

Using FoodSHIELD's integrated application approach, all services are available in one, secure government cloud. No need for SurveyMonkey (public cloud), WeTransfer (public cloud), SharePoint, Zoom, EventBrite, and other disparate, single-purpose solutions. With FoodSHIELD these services operate under the same trusted platform and security. This approach provides true collaboration and one that continually grows to meet member needs as the sector engages in transitions and finds new challenges.

GovCloud follows stringent FEDRAMP High controls, meaning it provides the most secure method for storing and processing data in the cloud. These are specific requirements aimed to elevate the security of data and strike a very different posture than general public cloud services. Typical public cloud services may approach security differently, with lax data processing rules and the chance your data is mingled in with all other customers around the globe. With FoodSHIELD on GovCloud, every portal has its own private data storage to keep data limited to use by those with affirmative access. Using GovCloud's layers of advanced firewalls, isolated workspaces, and AI guarding the platform, FoodSHIELD consistently adopts best practices for highly secure organizations.

Learn more at afdo.org/foodshield



AWS GovCloud
Infrastructure



FEDRAMP High
Designation



End-to-End Data
Encryption



Two-Factor
Authentication



Native ZoomGov
Integration



Secure File
Transfer Protocol



Data Center
Redundancy



Customizable URL
Deployment



Built for Food Safety &
Public Health Sectors



US-based
Development

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