CoreSHIELD

Enabling the secure exchange of information for the nation’s critical infrastructures.

Created by the Food Protection and Defense Institute, CoreSHIELD is the information technology architecture underlying a suite of web-based portals and applications that together provide a gateway for communication, coordination, collaboration, education and training among the stakeholders charged with protecting and defending the nation’s critical infrastructure.

CoreSHIELD unleashes the power of building a collaborative community in a secure environment. Fundamental to CoreSHIELD is the Common Organizational Registry Environment (CORE), which provides role-based contact information and several capabilities such as document management, workgroups, online meetings, e-learning, e-mail notifications, calendaring, secure-send, user authentication and single sign-on, all of which can be shared and leveraged by the portals residing on CoreSHIELD.

Numerous portals exist on CoreSHIELD, each with its own unique appearance, databases, business rules, applications, and workgroups benefiting from shared CoreSHIELD functionality, contact information, and leveraged development costs. The FoodSHIELD portal, for example, has its own FoodSHIELD-specific database of information which is not shared with other portals, and currently provides access to custom applications utilized only within FoodSHIELD: Recalls, EMA databases, FARM Toolkit, and a research database. In addition, portal users can create workgroups to meet specific needs. Workgroup members can share documents and collaborate via webinars and e-mail in a secure environment, not visible outside of the workgroup.

CoreSHIELD Portals
- Food Emergency Response Network (FERN)
- FoodSHIELD
- Homeland Security University Programs (HSUP)
- Integrated Consortium of Laboratory Networks (ICLN)
- LivestockNET
- National Animal Health Laboratory
- State Food Protection Taskforces
- Pet Event Tracking Network (PETNET)

For more information email fpdi@umn.edu.