


# US Department of Homeland Security Use Case with LightBox SmartFabric<sup>SM</sup>

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## **US Department of Homeland Security Expands Emergency Response Operations with LightBox SmartFabric**

DHS assumed control of the Homeland Infrastructure Foundation-Level Data (HIFLD) portal from the National Geospatial Agency in 2023, the goal was to create an enterprise approach where all agencies who support the DHS missions, can gain access to the most comprehensive parcel and property data for the US and its Territories. DHS selected LightBox' [SmartFabric platform](#), renowned for its comprehensive and flexible data solutions.

### **A Need for Advanced Data Capabilities & Flexibility**

As the steward of the Secure Data portal on HIFLD, DHS sought to elevate its data distribution and analytics capabilities to the highest level and needed a solution that would give their mission partners access to connected and comprehensive property data sets, such as authoritative parcel boundaries, land use designation, building-centric attributes, high-fidelity address geocoding and more.

### **Leveraging LightBox SmartFabric for Unparalleled Insights on FEMA Emergency Response**

With LightBox SmartFabric, FEMA now has access to connected and comprehensive property insights such as land use codes, topography, total aggregated acres. And structure details like building height and total number of structures on a parcel. These critical property attributes are a core component of the FEMA emergency response teams Common Operating Picture.

SmartFabric offers FEMA robust data integration through [Feature Service](#) for geospatial queries and soon will offer [Snowflake](#) for operational intelligence. This dual approach enabled FEMA to harness LightBox' extensive data repository.

### **Key Benefits of SmartFabric for FEMA**

The key benefit of utilizing SmartFabric as described by both DHS and FEMA is increased operational efficiency for emergency response coordination with local responders. Another key benefit is informed decision-making capabilities. By accessing the most current data available, emergency responders at both federal, state and local levels have streamlined data processes and increased responses times on the ground.