

Securely Create & Consume Sensor Data with Virtru

Protect & Synchronize Technical Intelligence Collections with Virtru for Richer Situational Awareness and Improved Decision Making

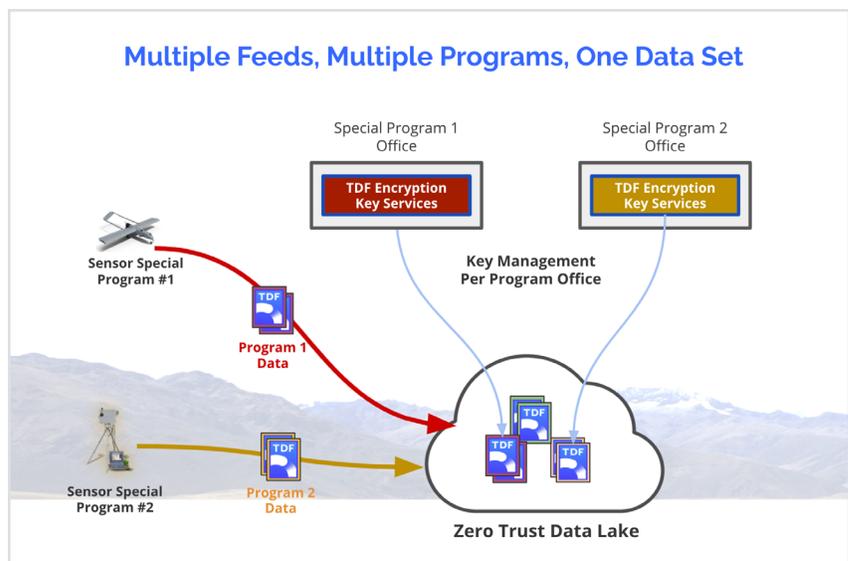
Leveraging the Trusted Data Format (TDF), the open standard [embraced by ODNI¹](#) and the broader national security community, Virtru’s Trusted Data Platform equips federal intelligence agencies, military forces, and others who need secure data from sensors to securely collect data, share information, and unlock new insights. Virtru enables compliance with OMB Zero Trust data pillar requirements.

Deploy Lightweight Encryption on Even the Smallest Sensors

Virtru’s **NanoTDF** is simple and lightweight enough to be implemented on platforms with very small footprints. Each individual value of a sensor reading is protected with key management, access control, and auditing in a process that only adds *bytes* to the data object and has minimal, almost unmeasurable, impact on the device’s performance.

Use Case: Common Operating Picture for Protected Sensor Streaming

Individual sensors, such as a camera monitoring a location or an operator’s body-worn camera, streams its protected data into a single, shared data repository. Individual organizations maintain their own key server for the data which they control. As additional sensors are added to the operating environment, such as camera-equipped drones or other monitoring devices, they continue to stream their encrypted data into the same shared repository, with each data owner controlling their own encryption keys. Even the addition of new coalition partners (having their own key servers) are simple to add into the same shared data environment.



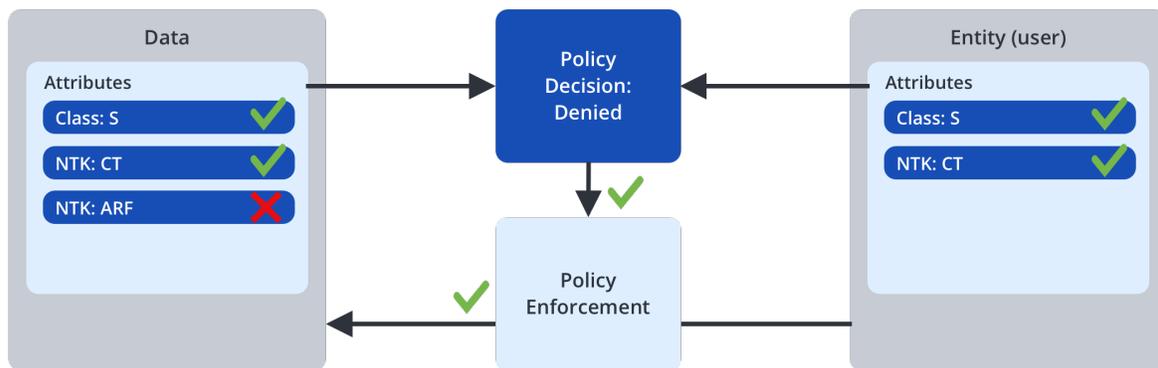
¹ <https://www.dni.gov/index.php/who-we-are/organizations/ic-cio/ic-cio-related-menus/ic-cio-related-links/ic-technical-specifications/trusted-data-format>

Secure Data Everywhere It Travels

Virtru facilitates access control at the data layer—rather than through isolated applications or networks—wrapping data in protection from the moment of creation so that it remains secure no matter where it resides or travels.

See the Big Picture

With Virtru's Trusted Data Platform, operational controllers can bring together multiple data sources into a single, real-time, common operating picture – showing a collated view of the environment without the need to view it in piecemeal fashion. Tailor each operational partner's view based on need to know and other delimiters.



Leverage Detailed ABAC Policy Tagging

With Virtru's TDF, apply discrete, cryptographically enforced policies and rules to govern data access. Leveraging attribute-based access control, decisions are made based on policy logic and attribute tags applied to data and entities (people and NPEs). Binding policies to those tags ensures persistent, secure, multi-party control of data at scale.

Trusted by Federal Agencies, State and Local Governments



To learn more about how Virtru can equip your agency to implement data-centric, Zero Trust security, contact federal@virtru.com.

How you can access Virtru:

- Direct award under FAR Part 13 Simplified Acquisition Authority
- Through Carahsoft Technology Corp on GSA Multiple Award Schedule (GS-35F-0119Y) or through GSA Advantage
- Direct award through NATO Communications and Information Agency Basic Ordering Agreement