

Establishing Trusted Vaccine Distribution with Thales Data Protection Solutions



Organizations in a variety of industries are finding themselves thrust into fluid emergency preparedness operations to get shots into arms in record time. Those involved in the manufacture, testing, approval, distribution, cold storage, and deployment of the various COVID-19 vaccines are also keepers of sensitive data in all forms such as intellectual property, test data, decision analysis, distribution logistics, and detailed employee and patient personal information.

At all points of the distribution chain, organizations face both direct and indirect consequences from unauthorized access to any of this sensitive data. Unfortunately there have been many reports of hackers and nation state sponsored cybercriminals attempting to steal or compromise research and disrupt vaccine delivery.

Getting the vaccine from the lab to the arms of the people requires innovative distribution systems that are being created quickly, meaning you need proven security solutions that can be deployed in tandem. The combination of speed and security is of paramount importance.

Building Trust

Whether your company is involved in the manufacturing, testing, approval, storage, logistics, distribution, analysis or any of the other mission critical tasks in the delivery of such vital vaccines you are reliant on a secure IT environment, are the custodians of valuable sensitive data, and must stay in compliance. Thales is here to help you secure these systems and protect your data – start with our 90-day free trial with no commitment to purchase. Our solutions are flexible, requiring no new hardware for deployment and can be run on-premises and across clouds – your choice. They are quick and easy to implement, creating secure IT and data environments that will reassure your operations teams and frustrate cybercriminals.



Discover

Protect

Control

Thales trusted vaccine distribution plan

1) Discover your sensitive data footprint

You can't protect what you don't know exists. Thales CipherTrust Data Discovery and Classification helps your organization get complete visibility into your sensitive data with efficient data discovery, classification, and risk analysis across heterogeneous data stores - the cloud, big data, and traditional environments - in your enterprise.

2) Protect your assets

Establish high assurance trust: Mission critical systems should be protected with high-assurance key management and rooted to trust anchors like hardware security modules for the highest levels of protection. Data Protection on Demand (DPoD) offers cloud-based hardware security module (HSM) services to store and manage cryptographic keys, establishing a common root of trust across all applications and services. Click and deploy the protection you need, provision services, add security policies and get usage reporting in minutes.

Encrypt to minimize risk: If in doubt about the risk of data, concerned with malware and ransomware, apply CipherTrust Transparent Encryption to databases, files and data lakes to encrypt, enforce least privileged access policies, and log all data access. CipherTrust Transparent Encryption agents are managed centrally using Virtual CipherTrust Manager which makes use of the DPoD Cloud HSM services to provide you with a secure cloud-based root of trust for strong protection of your encryption keys.

3) Control remote access and collaboration

Provide strong authentication: SafeNet Trusted Access (STA) is a cloud-based access management service to help you validate identities, enforce access policies and apply Smart Single Sign-On to ensure secure, convenient access to numerous cloud applications from one easy-to-navigate console.

Facilitate secure sharing of information: SureDrop is an ultra-secure file-sharing and collaboration service with end-to-end encryption. Easy to deploy and on-board users, SureDrop was built for organizations with strong security policies around file sharing, synchronization and storage, but who still need the productivity benefits of a fully-featured file sharing solution.

About Thales

The most respected brands and largest organizations in the world rely on Thales to help them protect their most sensitive information and software wherever it is created, accessed or stored - from the cloud and data centers to devices and across networks. As the global leader in cloud and data protection, our solutions enable organizations to move to the cloud securely, achieve compliance with confidence, and create more value from their software in the devices and services used by millions of consumers every day.

Building a future we can all trust.