



# Digital Evidence Archive on AWS



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AWS Solution that enables law enforcement customers to **store and manage their digital evidence through a simple user interface**. Evidence stored in the system does not change, and that integrity is verifiable using audit and accountability reports, file hashing, CJIS-level encryption, and access controls.

### Benefits of Digital Evidence Archive (DEA) on AWS

**Easy-To-Use Interface Designed for Law Enforcement:** A simple interface that allows investigative units to manage their data in one place without interacting with the AWS Console. No cloud experience is required to leverage the scale, elasticity, and automation capabilities of AWS. DEA is built on top of best-in-class services such as AWS Simple Storage Service (S3), CloudTrail, Key Management Service (KMS), DynamoDB, Cognito Federation and more. A customized User Interface (UI) allows the use of these services without IT infrastructure knowledge.

**Cost Control:** There are no costs to use DEA other than the underlying cost of AWS Services and implementation service costs, if additional support is desired. Customers are only charged for the storage and compute services they use. Further cost optimization is achieved by the default intelligent tiering of storage and the option to configure DEA for archive storage classes if desired.

Case Name	No. of Files	Total Size	Creation Date	Status
Case FC38410800	1	1.88 MB	Tue, 5/18/2022	Active
Case E102482700	15	15.84 MB	Wed, 5/11/2022	Active
Case E102482700	1	1.88 MB	Wed, 5/18/2022	Active
Case A02482700	18	33.91 MB	Tue, 5/10/2022	Active
Case FC38410800	15	15.84 MB	Wed, 5/11/2022	Active
Case FC38410800	17	31.89 MB	Tue, 5/10/2022	Active
Case FC38410800	8	14.88 MB	Wed, 5/11/2022	Active
Case A02482700	17	31.89 MB	Wed, 5/11/2022	Active
Case A02482700	15	15.84 MB	Tue, 5/25/2022	Active

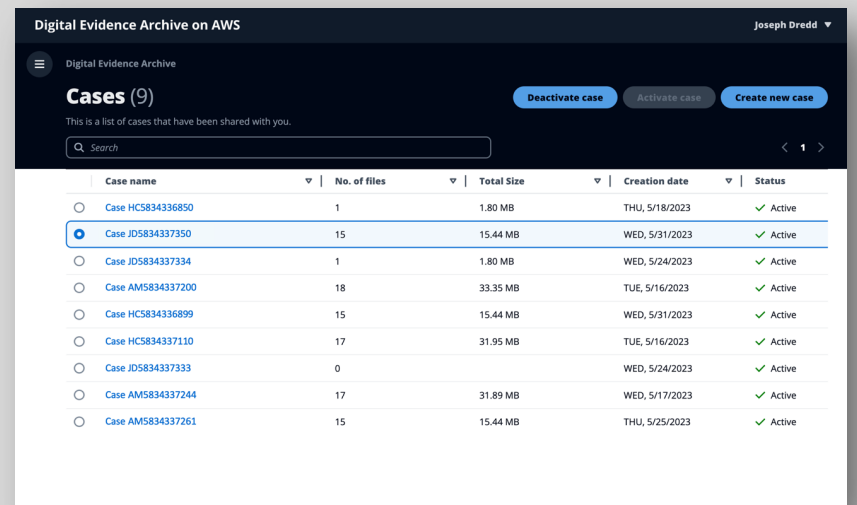


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**Data Integrity & Compliance:** DEA is available in standard regions as well as AWS GovCloud region, an isolated AWS infrastructure designed to host sensitive data, regulated workloads, and address stringent security and compliance requirements. In addition, the solution is CJIS compatible, allowing users to remain CJIS compliant when following suggested usage guidance. Data within DEA is encrypted. Comprehensive audit logs can be generated at the file, user, case, and system level. Access controls allow permissions to be granted on an as-needed bases. Files are hashed on upload creating a digital footprint that can be used to verify evidence has not been altered from its original form, allowing users to maintain chain of custody.

**External Identity Provider Integration:** DEA integrates with external identity providers, such as Microsoft Active Directory and Okta, enabling users to minimize administrative burden.

## Getting Started

**AWS Solutions Library:** [Digital Evidence Archive on AWS](#) is available on the Solutions Library, where users will find a detailed [Implementation Guide](#) to assist with template download and environment configuration. Please reach out to your AWS Account Team for additional details.

**Solution Spark for Public Sector (SSPS):** Several Partners have been onboarded to Digital Evidence Archive and are available to provide integration assistance and managed services that expand on the solution's capabilities. Please visit the [SSPS program page](#) to get started with a partner.





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