

## Build and deploy scalable blockchain applications with advanced functionality and 24x7x365 support

Daml Enterprise is the leading platform for building and running sophisticated blockchain applications that transform disparate silos into synchronized networks, eradicating latency and errors by guaranteeing consistent, shared, and trusted data and workflows.

Daml Enterprise provides state-of-the-art features and benefits for building applications that foster the creation of interconnected networks between parties. It enables organizations to create new, multi-party solutions that replace unconnected processes with synchronized networks that use guaranteed, consistent data—thereby reducing cost and risk by eliminating duplication and replacing laborious manual processes.

### Features and functionality

Capabilities available with a Daml Enterprise license:

|  | DAML OPEN SOURCE                           | DAML ENTERPRISE   |
|--|--|---|
| <b>DRIVERS FOR DATABASES AND BLOCKCHAINS</b> | Postgres for centralized domain operation. | Connections to the underlying infrastructure: Oracle, VMWare Blockchain, Hyperledger Fabric, and Hyperledger Besu for your choice of centralized or distributed domain operation.   |
| <b>HIGH AVAILABILITY</b>                     | None                                       | Canton nodes deployed in a highly available (HA) manner to ensure that domains and participants will continue operating despite isolated machine failures.  |
| <b>HORIZONTAL SCALABILITY</b>                | None                                       | Database sequencer can be horizontally scaled and placed behind a load-balancer to provide HA and performance improvements.   |
| <b>LEDGER PRUNING</b>                        | None                                       | Pruning the ledger frees up storage space by deleting state no longer needed by participants, domain sequencers, and mediators. It also serves as a mechanism to help implement right-to-forget mandates required by regulations such as GDPR.  |
| <b>DAML PROFILER</b>                         | None                                       | Perform profile execution of your Daml code to spot bottlenecks and opportunities for optimization.   |
| <b>PARALLEL TRANSACTION PROCESSING</b>       | None                                       | Run the database-backed drivers (Postgres and Oracle) in an active-active setup with parallel processing, supporting multiple write and read processes, and thus scaling horizontally. Enterprise participant node processes transactions in parallel, allowing for much higher throughput compared to the open source community version. |
| <b>AWS KMS INTEGRATION</b>                   | None                                       | Securely store crypto keys outside of the Canton blockchain environment for added security.   |

## Technical support and professional services

Daml Enterprise enables organizations to build and deploy blockchain applications that require scalability, high availability, enterprise support, and professional services. With Daml Enterprise Service Level Agreements (SLAs), Digital Asset provides industry-standard 24x7x365 support for various levels of need and urgency.

In order to help users accelerate their expertise in Daml and Canton, Digital Asset also provides a range of professional services for users with Enterprise licenses. We bring deep domain and technical expertise to our professional services offering, including strategic workshops, detailed documentation, and client support in building out custom solutions. Our Professional Services team is made up of experts with deep domain knowledge and technical expertise. Offerings include, strategic workshops, discovery and solution definition, architectural oversight, and client support in building out custom solutions.

## Advantages of Daml Enterprise over other Daml deployment options

Daml Enterprise includes everything needed to build, test, and deploy Daml applications across multiple infrastructures, on-prem or in the cloud.



### THE DAML LANGUAGE

A smart contract language and tooling that defines the schema, semantics, and execution of transactions between distributed parties.



### THE CANTON BLOCKCHAIN

A scalable, privacy-enabled blockchain that provides secure synchronization between Daml applications, even when running on different Canton instances.



### THE SOFTWARE DEVELOPMENT KIT

Best-of-breed tooling to build, deploy, and integrate your Daml applications.



### DAML FINANCE

A collection of Daml libraries and tools to accelerate tokenization applications.



### SUPPORT

24x7 support with SLAs to ensure your success.

Core benefits of an Enterprise license include improved performance through parallel transaction pricing, support for high-availability and horizontal-scalability features, ledger pruning, as well as all non-Postgres sequencer integrations. Additionally, to take advantage of our full suite of support and professional services, users must have a Daml Enterprise license.

**Daml Hub** is the software-as-a-service (SaaS) deployment option for Daml Applications. It hosts a Canton blockchain ledger by running the infrastructure and Daml Enterprise software so that customers just need to deploy their Daml smart language code to run a Daml application. Daml Hub also hosts all of the Daml smart contract language code, user interface, and other Daml components needed to run an entire Daml application.



#### CLEAR UI TO MANAGE APPLICATIONS

UI enables simple project and ledger creation, file management for Daml models and triggers, and automation.



#### DATA EXPLORATION

Explore Daml contracts on the ledger, join existing applications, and navigate to previous applications.



#### LINK DAML APPS TO OTHER SERVICES

Integrations are installable modules that allow your app to interact with the world by sending and receiving requests from external systems.



#### FRONT-END HOSTING FOR YOUR APP

Host front-end assets for apps by publishing files to be exposed by HTTPS over a ledger-specific subdomain.

Daml Hub is a managed service where we run Daml components and participant nodes on our infrastructure, while Daml Enterprise is self-hosted. Hub gives users High Availability and Disaster Recovery features out of the box, and provides for automatic version upgrades and security patches. This significantly improves time- to-market and decreases costs (e.g., no need for a full ops team).

Additionally, you can get started with Daml Open Source to learn how to create multi-party applications using the smart contract development and deployment framework offered by the Daml stack. To learn more about Daml and understand which deployment option is right for your business, contact us at [sales@digitalasset.com](mailto:sales@digitalasset.com) or [visit us on the web](#).

## Digital Asset

Digital Asset is a software company that modernizes legacy financial systems with Daml, our smart contract language, and Canton, our privacy-enabled blockchain platform. Together, this platform powers cutting-edge smart contracts and blockchain solutions, helping customers unlock new networks of value with sophisticated applications. Leading financial services, insurance, and healthcare organizations are partnering with Digital Asset to create new, multi-party solutions that transform disparate silos into synchronized networks.

Learn more and view additional case studies at [digitalasset.com](https://digitalasset.com), or



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