Verifiable Credential types

Currently, 3 different types of Verifiable Credentials are used in the DOME ecosystem: LEARCredentialEmployee, LEARCredentialMachine and Gx:LabelCredential.

LEAR Credentials are used to identify either an individual or a machine/service. Each LEAR Credential usually includes a *credential subject* section containing 3 key fields):

- **Mandatee:** the entity being identified (person or machine).
- **Mandator:** the organization represented by, and granting authority to, the mandatee.
- **Power**: see the specific guide

The only exception is Gx:LabelCredential type (see below), which has a different credential subject structure.

LEAR Credential Employee

Identifies an individual and is mainly used to log in to the public applications within the ecosystem. Different applications require different **powers** (permission sets) to grant access to specific features. For example, the Issuer requires the "Onboarding - Execute" power, while the Marketplace allows login with either "Onboarding - Execute" (admins) or "Product Offering" powers (non-admins). For more details, see:

- LEAR Credential Employee issuance
- LEAR Credential powers

LEAR Credential Machine

Iidentifies a machine or service and is used for M2M authentication flows. For more details, see:

- LEAR Credential Machine issuance guide
- LEAR Credential powers
- Integration Developer's guide

Gx:Label Credential

Used to certify products in the DOME Marketplace. For more details, see:

- Gx:Label Credential issuance guide
- Certification process

Revision #8
Created 10 November 2025 23:36:06 by Roger Miret
Updated 11 March 2026 10:34:48 by Roger Miret