



Showcase: North Dakota Open Credential Publisher

North Dakota Open Credential Publisher (OCP) is an open-source credential publishing application including a wallet application that allows North Dakota citizens to collect, store, and share their High School Transcripts as verifiable credentials. In addition, any achievement that is formatted as a Comprehensive Learner Record (CLR) or Open Badge 2.1 can be collected in the wallet to provide a life-long Learning and Employment Record (LER).

The wallet serves as a virtual file cabinet that securely stores learning achievements. By having these credentials stored in a wallet, individuals have agency over the records of their learning and experiences. These credentials can be shared with interested parties including higher education institutions or potential employers who are able to issue proof requests to verify the validity of the credentials and the issuer at the discretion of the wallet holder.

The vision is to enable students and citizens in the state to collect micro-credentials for well-defined competence, skill and knowledge from a range of in-state educational service providers, licensing and workforce institutions. An additional goal is to provide pathways for college and career.

Underpinning the wallet is the need for a common language that can describe the skills and competencies of credentials. The Credential Transparency Description Language (CTDL) allows credential and skill data to be public, open, and accessible. Credential Engine's CTDL is machine-readable, so credentials can be connected to a larger source of rich information to build the learner and work ecosystem that North Dakota aspires to create for residents and businesses.

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