nexo STANDARDS

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Moving to APIs & Introducing Certification Framework

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Colossale Software Presentation

Colossale Software Inc is a Canadian base company specialized in sales system development.
Colossale is a subsidiary of SDP inc since October 2022. SDP has specialized in management software development since March 2000.

Colossale and SDP has deployed solutions in Canada, USA, Middle-East, Africa, Europe and Australia. As such, integration with payment partners from around the world is our daily routine.

Colossale is an active member of nexo standards since October 2022.

Integration is our daily work

Retail software

Payment partners

Multiple markets

The checkout depends on reliable integration

Secure exchanges

Simple deployment

Predictable behaviour

Proprietary APIs multiply the work

One retailer

Different providers

Different integration rules

ISO 20022 remains the foundation

Shared business meaning

Common data definitions

Modern API access

A common framework for API design

HTTP/HTTPS interactions

JSON representation

Shared implementation guidance

Retailer is the first application

Sales system

Retailer JSON API

Payment terminal

Migration includes the installed base

Existing XML deployments

New API implementations

A managed period of coexistence

Implementation needs evidence

A shared specification

An implemented solution

A repeatable conformance check

Certification Framework, Phase 1

The self-assessment journey

- Retailer JSON API
- Online self-assessment
- Protocol conformance

Simulators support both sides

ECR simulator tests the POI

POI simulator tests the ECR

Results need a defined scope

Implementation version

Protocol version

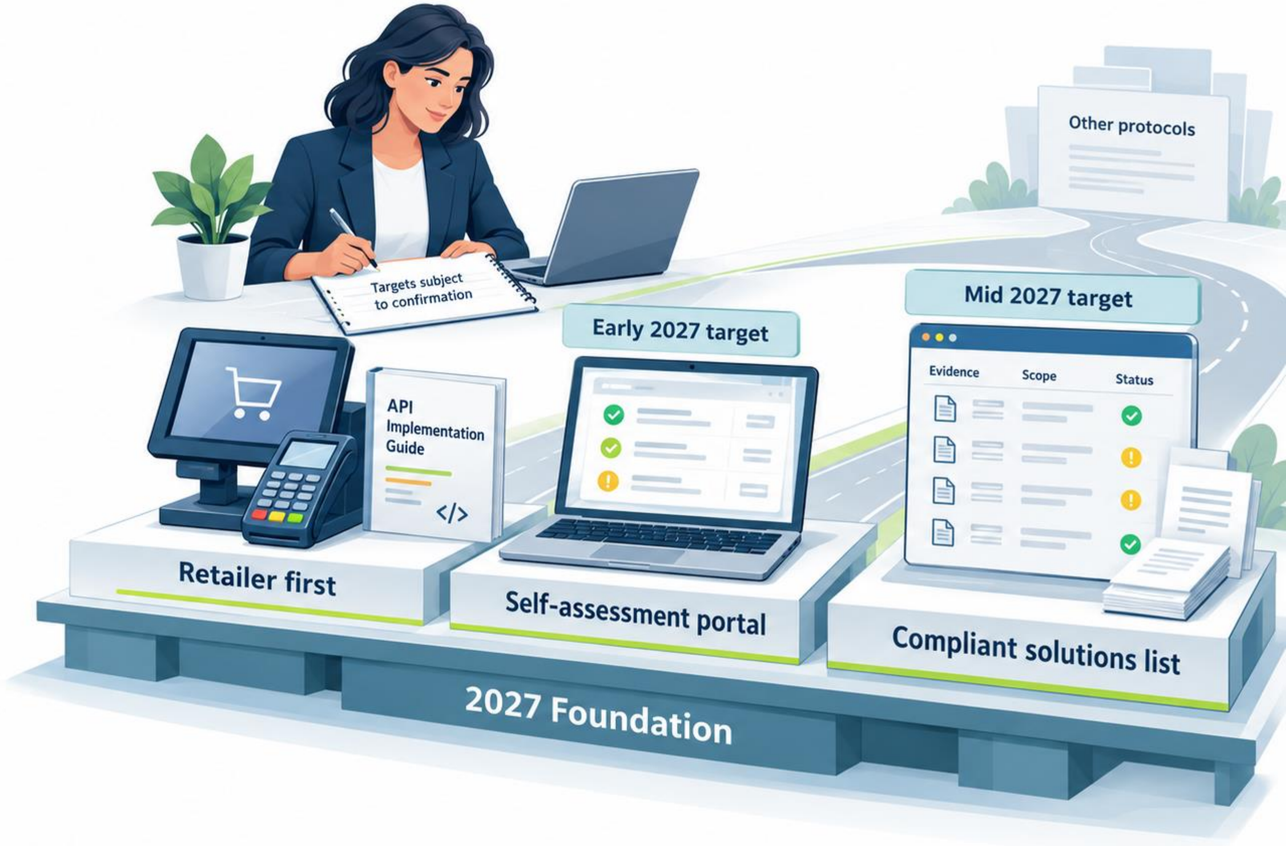
Capabilities and test coverage

Delivery objectives

Implementation version

Protocol version

Capabilities and test coverage



Member experience improves implementation

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Thank You