Connector Name

VCS ML Suite
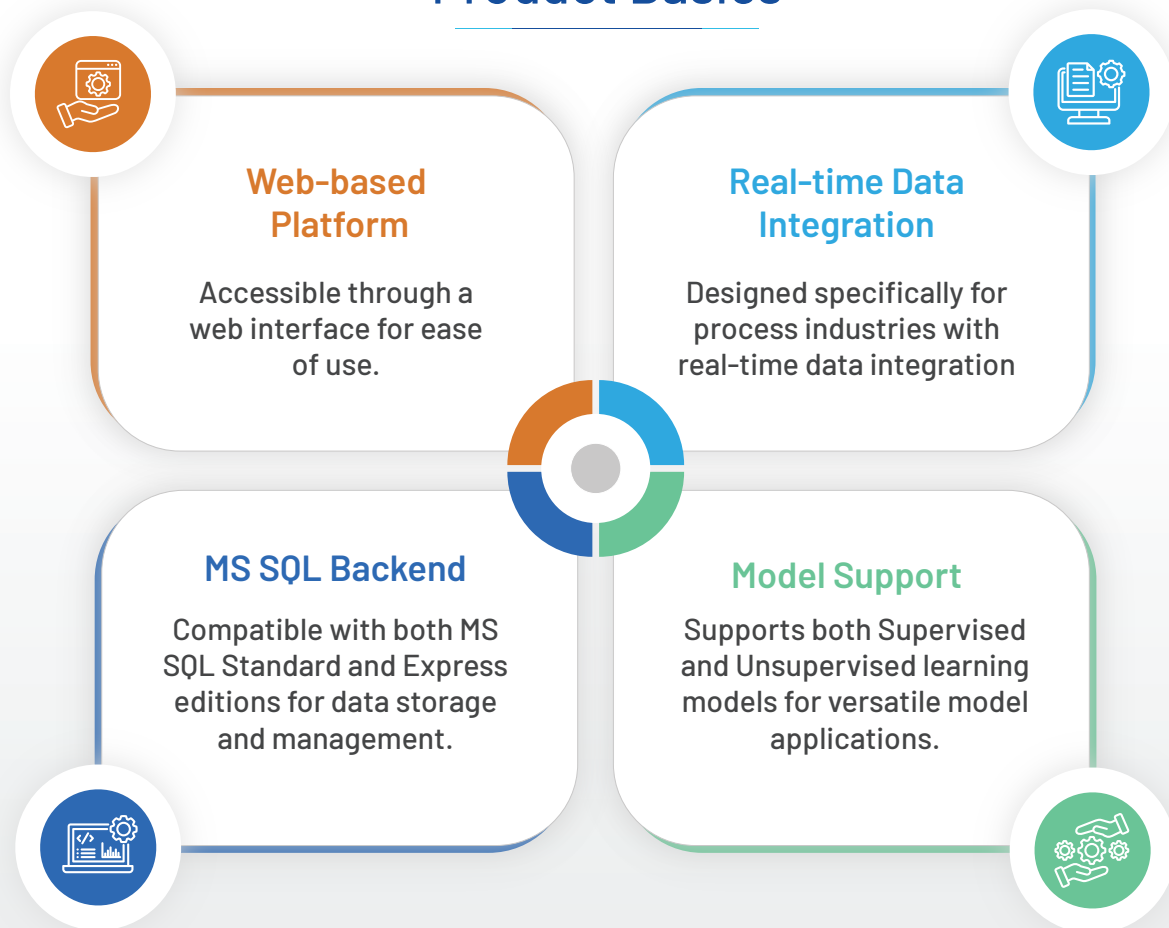
Overview

The platform enables non-subject matter experts to easily configure and deploy multiple machine learning models
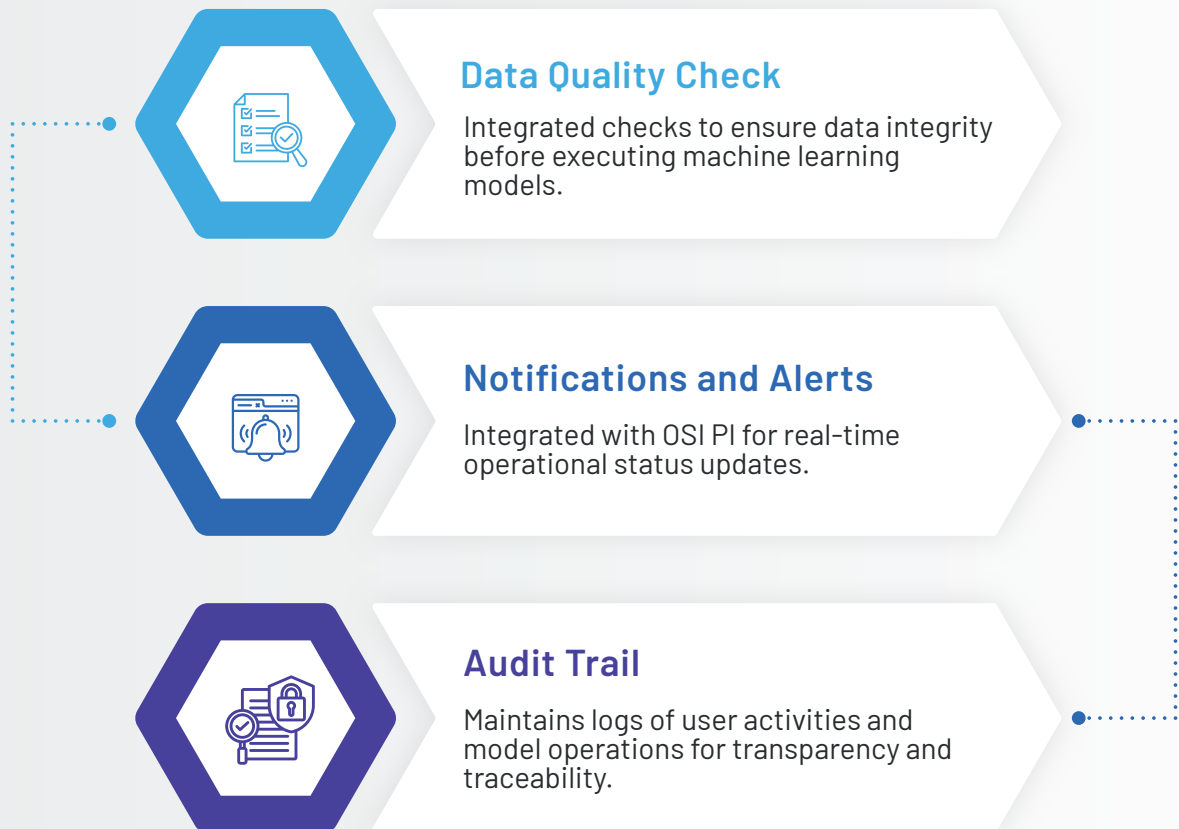
Product Basics

Web-based Platform

Accessible through a web interface for ease of use.

Real-time Data Integration

Designed specifically for process industries with real-time data integration

MS SQL Backend

Compatible with both MS SQL Standard and Express editions for data storage and management.

Model Support

Supports both Supervised and Unsupervised learning models for versatile model applications.

Technical Architecture

User Management

Provides secure login features, including two-way authentication.

Master Data Management

Handles server configuration and management for optimal operations

Model Management

Allows configuration, execution, and creation of services from machine learning models.

Additional Features

Data Quality Check
Integrated checks to ensure data integrity before executing machine learning models.

Notifications and Alerts
Integrated with OSI PI for real-time operational status updates.

Audit Trail
Maintains logs of user activities and model operations for transparency and traceability.

Security and Compliance

User Authentication
Two-way authentication for secure access.

Audit and Logging
Tracks all operations and user activities for compliance.

System Requirements

Backend Database
MS SQL (Standard and Express editions supported).

Data Integration
Compatible with real-time data systems like OSI PI.

User Access
Web-based platform with secure authentication mechanisms

Compliance and Standards

- Data Integrity Standards: Ensures data quality and security.
- ISO/IEC Compliance: Adheres to international standards for data security and management (optional depending on client requirement).