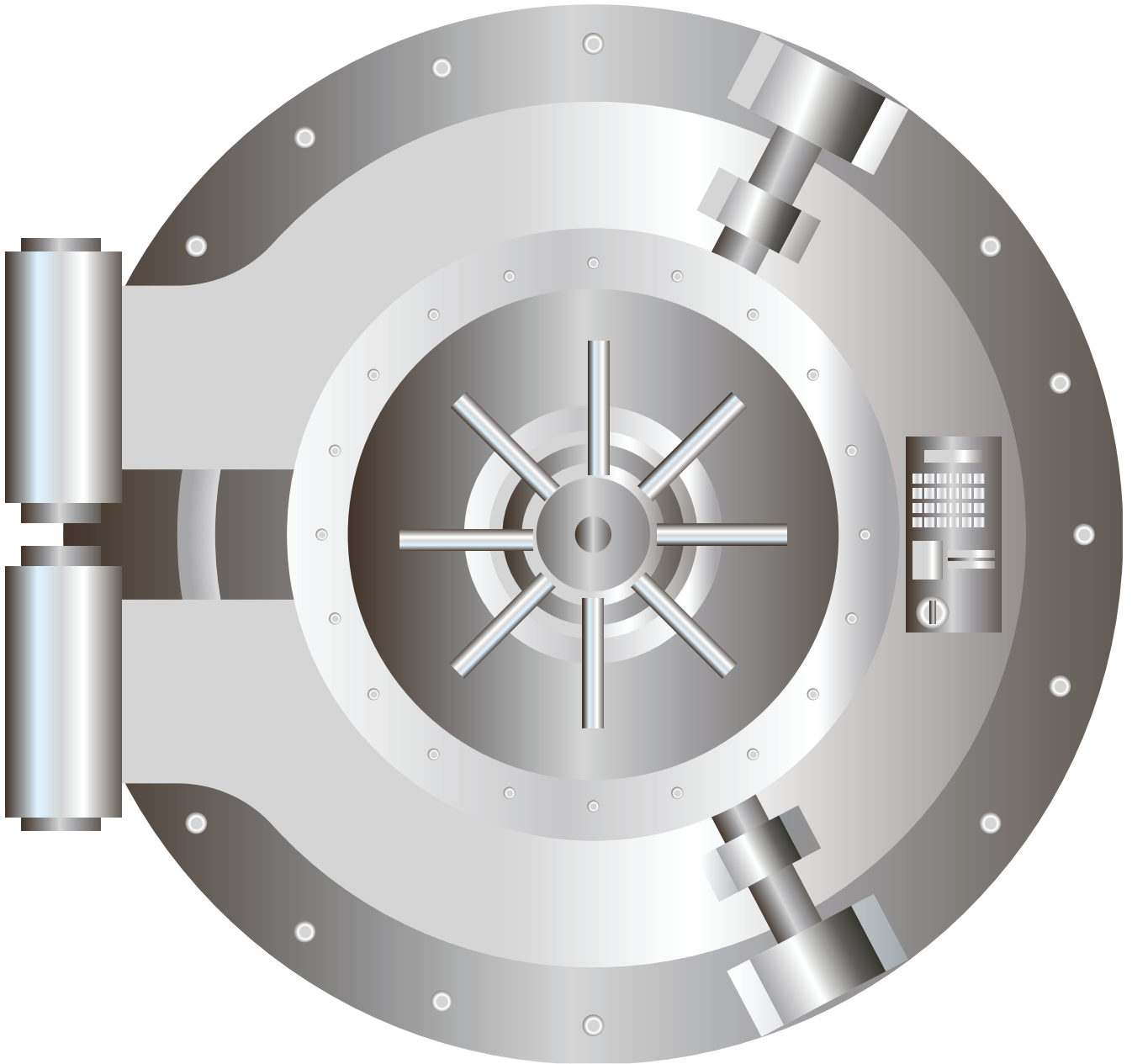# VEKTOR VAULT

Designed for Compliance

Manage Data Integrity, Models and Methods with Version Control in One Central System
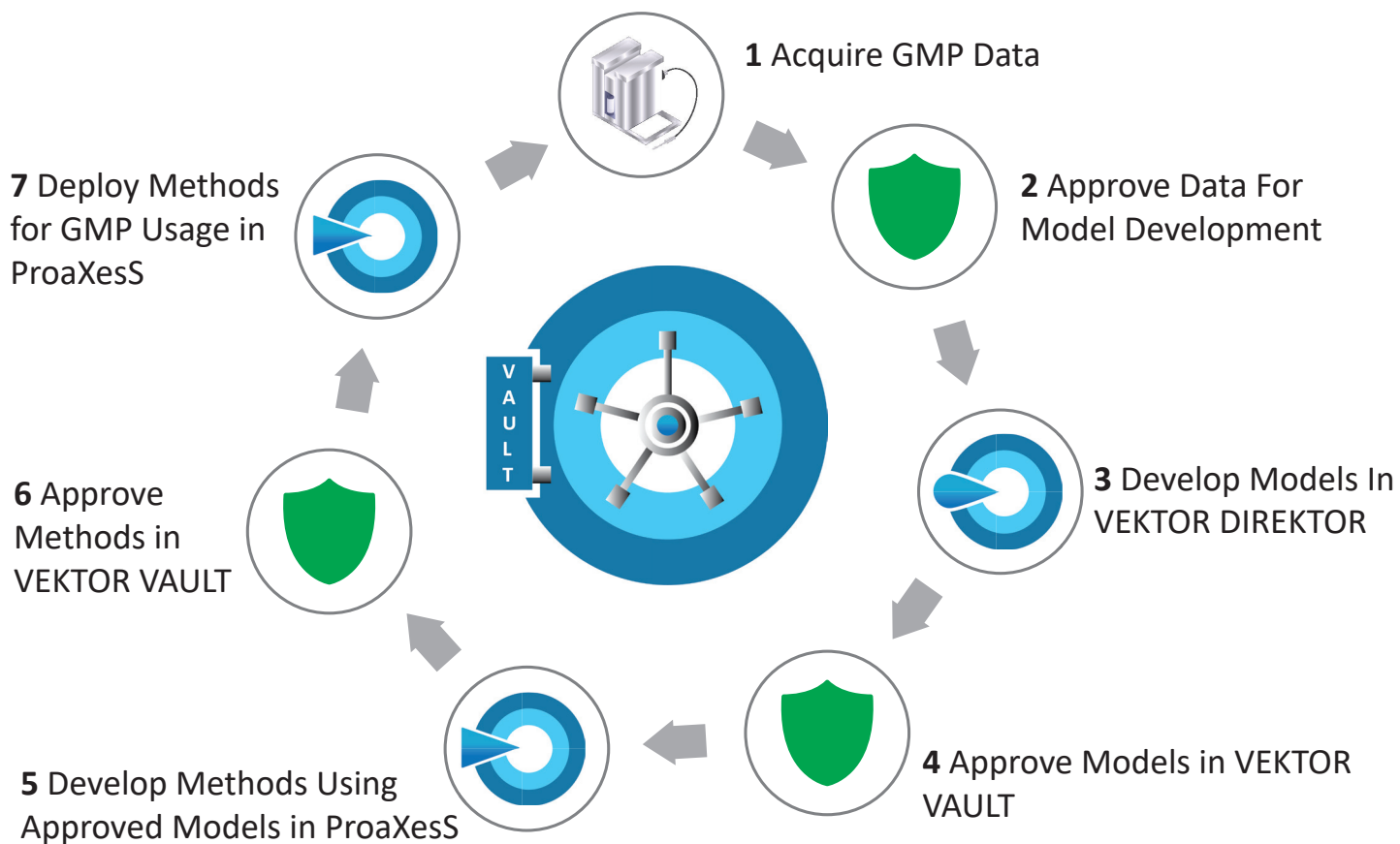
KAX Group

Multivariate Analysis With Direction and Purpose

What is VEKTOR VAULT?

Data, Model and Method Approval and Version Control

1 Acquire GMP Data

2 Approve Data For Model Development

3 Develop Models In VEKTOR DIREKTOR

4 Approve Models in VEKTOR VAULT

5 Develop Methods Using Approved Models in ProaXesS

6 Approve Methods in VEKTOR VAULT

7 Deploy Methods for GMP Usage in ProaXesS

Why Use VEKTOR VAULT?

VEKTOR VAULT is vendor agnostic which means you can integrate instruments and data sources from any supported vendor. Contact KAX Group for a complete list.

Acquired data generated from approved sources can be approved for model development in a GMP environment and tested prior to deployment.

Approved models can then be used to develop ProaXesS Methods and then approved in VEKTOR VAULT prior to deployment.

In this way, you can meet all of your data quality, data management and data governance requirements, along with end-to-end data acquisition to modelling to deployment needs in one software platform, under one lifecycle model.
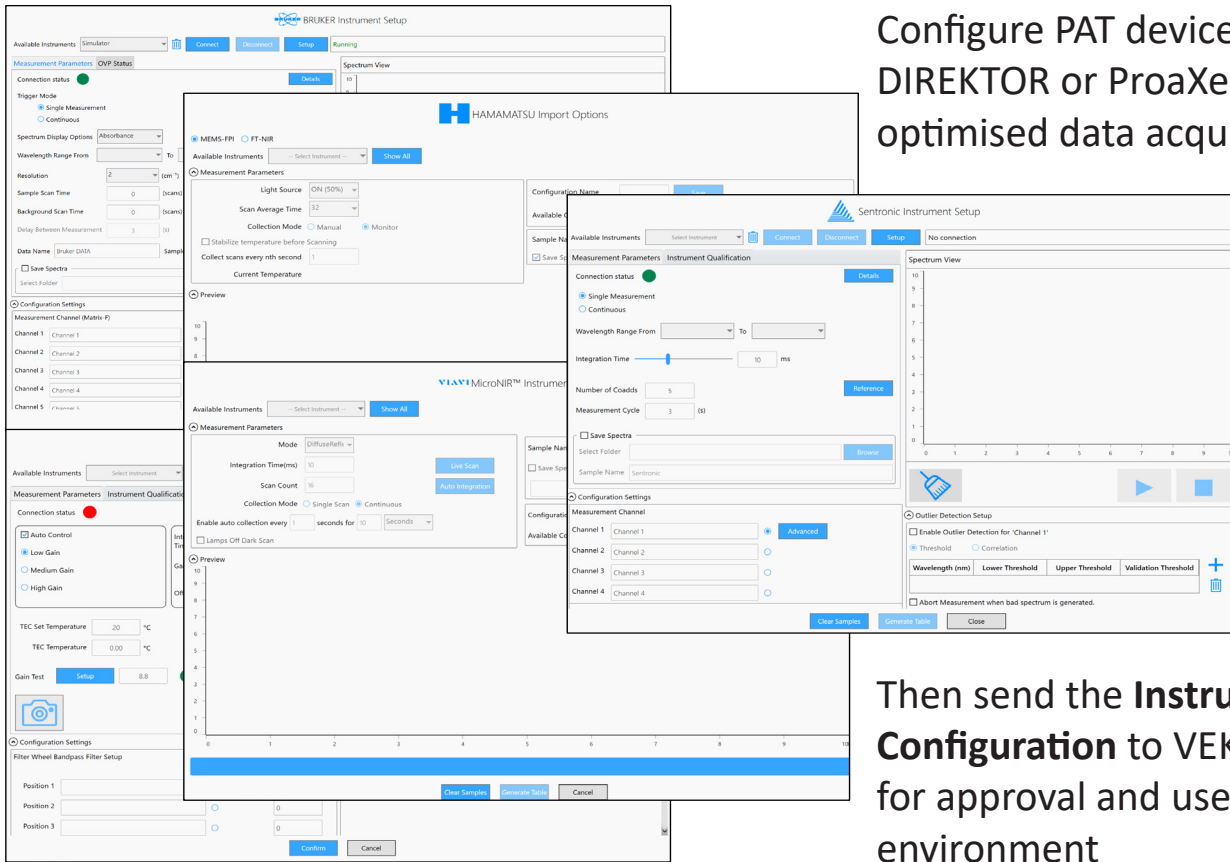
Acquire   **Approve**   **Deploy**   **Manage**

It Starts With Data Acquisition

Many Instrument Types Supported

Configure PAT devices in VEKTOR DIREKTOR or ProaXesS for optimised data acquisition.

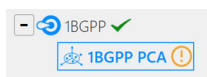Then send the **Instrument Configuration** to VEKTOR VAULT for approval and use in a GMP environment

VEKTOR VAULT ensures only validated and approved configurations are used for data acquisition.
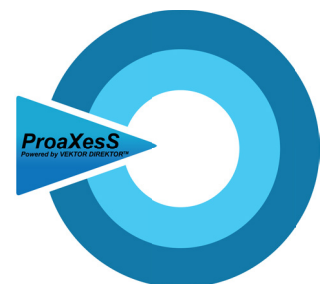
Validate Predictive Models Using Approved Data

Develop Models in VEKTOR DIREKTOR from Approved Data
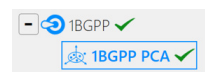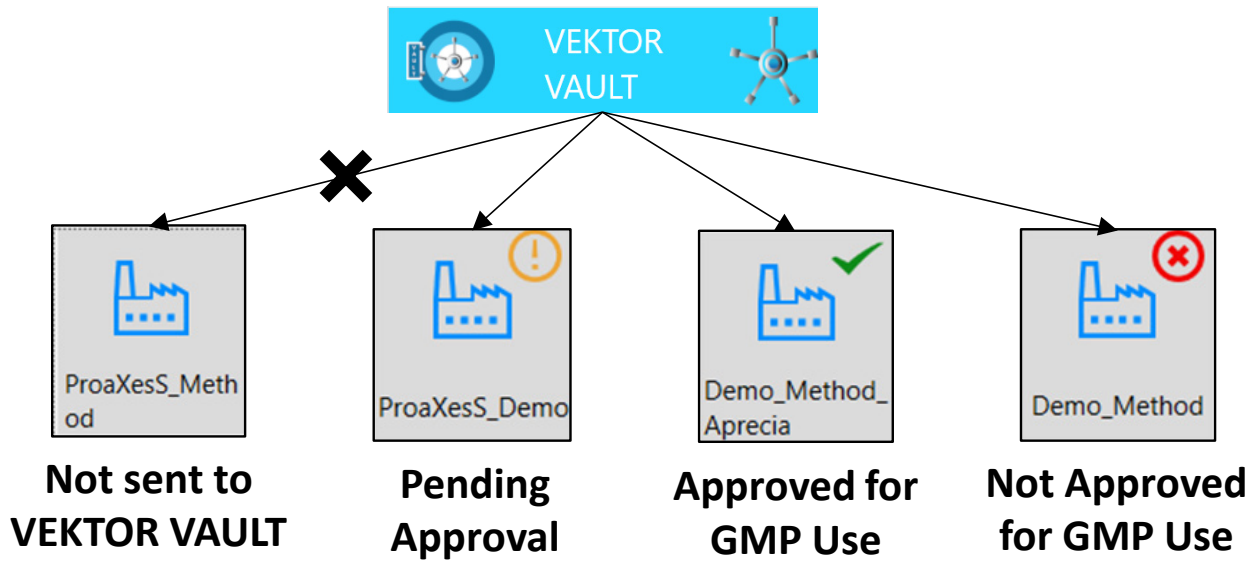
Simple Approval Process

Send Model to VEKTOR VAULT for Approval

Use Approved Models in GMP Ready ProaXesS Methods

Generate And Approve GMP Ready ProaXesS Methods

| Not sent to VEKTOR VAULT	Pending Approval	Approved for GMP Use	Not Approved for GMP Use

Visual Indicators Of Approval Status Make It Easy To Distinguish Sandbox Methods From GMP Ready Methods During Implementation and Deployment.

Full Model and Method Lifecycle Maintenance System

Method Development
ICH Q8, Q11, Q13

ICH Q2, Q9

ICH Q2, Q9

Method Lifecycle
ICH Q12

Method Deployment
ICH Q10
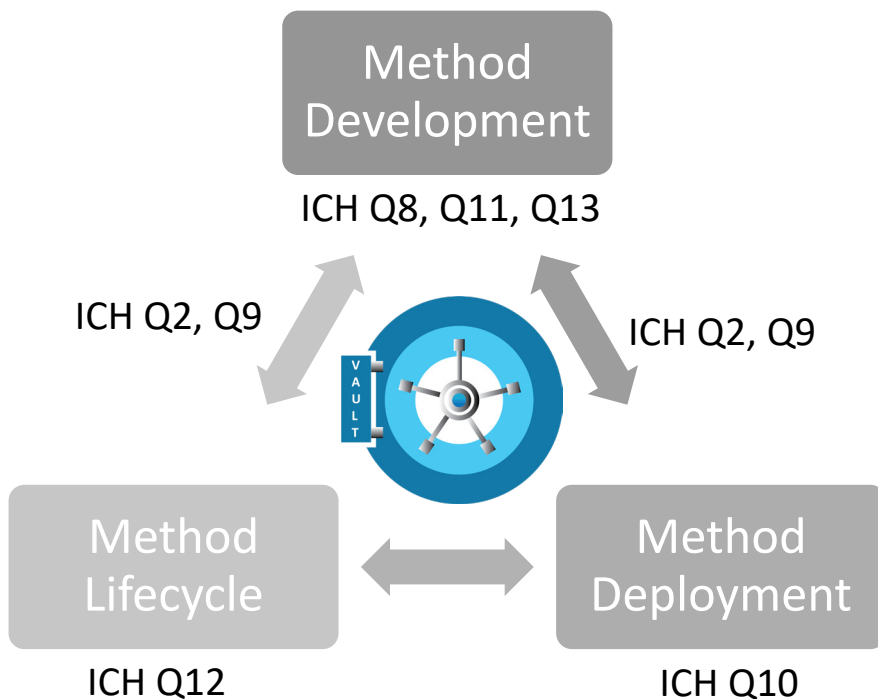
VEKTOR VAULT Securely Maintains Your Data Assets So You Can Meet Your Compliance Requirements.

The PATForm Advantage
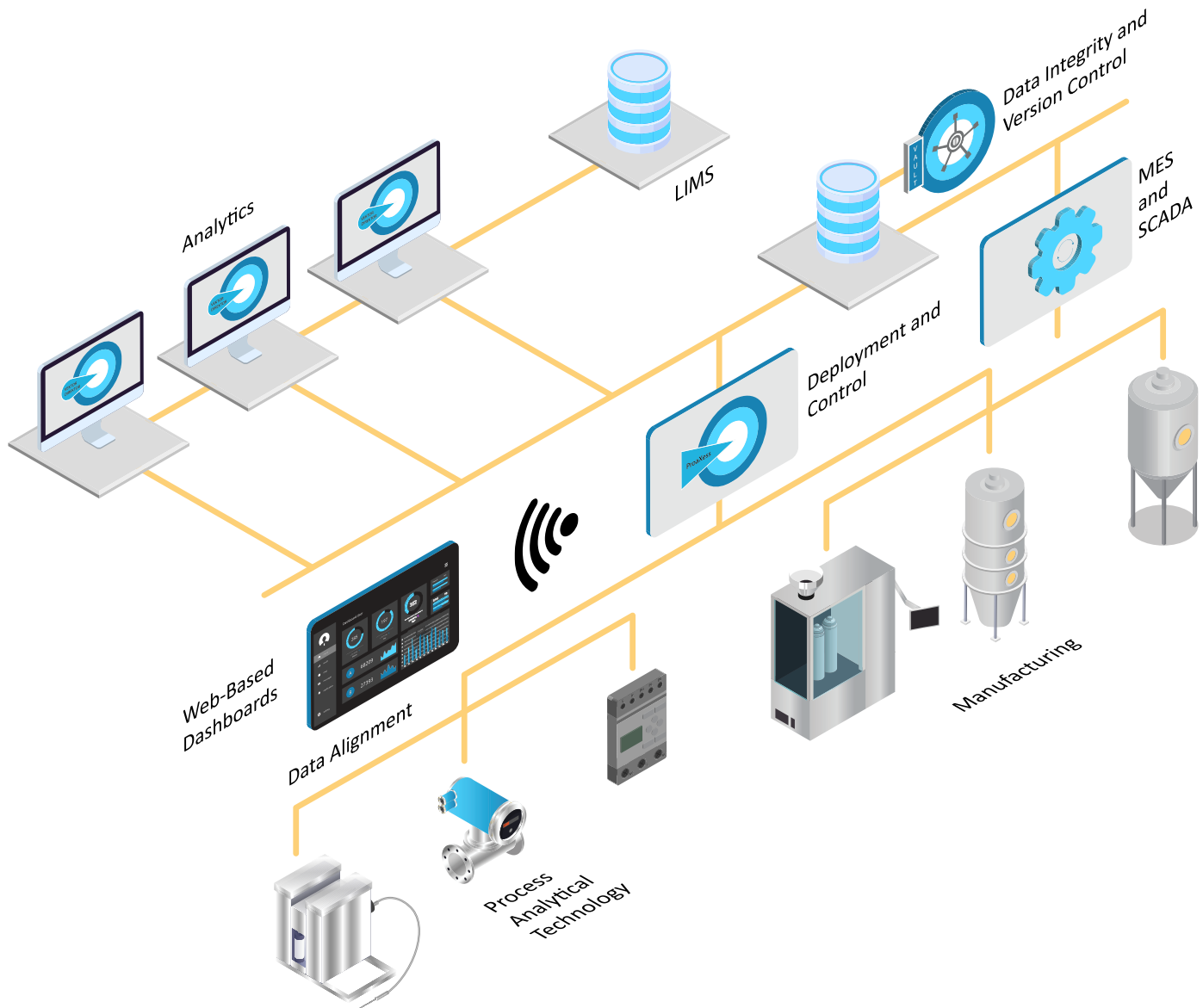
The PATForm by KAX Group is the complete end-to-end data acquisition to deployment platform allowing users to integrate their preferred PAT instruments and sensors into one platform that is centrally managed by the VEKTOR VAULT Data Integrity System. This is achieved through,

- Integration of PAT instruments and sensors into VEKTOR DIREKTOR and ProaXesS templates for consistent and validated data acquisition.
- Secure import of approved data into VEKTOR DIREKTOR for model development.
- Use of approved Models in ProaXesS for Method Development.
- Deployment of Approved Methods for Quality Assessment in a GMP environment.
- Use of data acquired in real time for model and method redevelopment under a Model/Method Lifecycle Model all managed by VEKTOR VAULT.
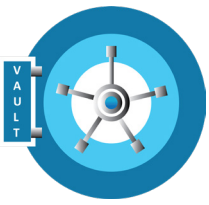
VEKTOR VAULT
Data Integrity, Model Management and Version Control System

System Requirements

Supported Operating Systems	Windows 8.1, 10, 11 , Windows Server 2012 R2, 2016, 2019, 2022
Memory (RAM)	16 GB Minimum
Processor	x64
Application Hard Disk Space	1 GB Free space minimum for installation for VEKTOR VAULT
Data Storage	Microsoft SQL database or other database schema
Security	Windows Authentication, Active Directory, Biometric Security, Two-Factor Authentication.
Web Browser	Microsoft Edge, Chrome, Firefox
.NET Framework	8.0

VEKTOR DIREKTOR™

ProaXesS
Powered by VEKTOR DIREKTOR

VAULT

Your Data
Our Software
Your Success

KAX Group

Multivariate Analysis With Direction and Purpose

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