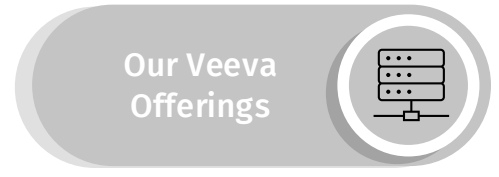
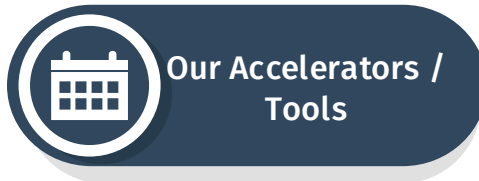
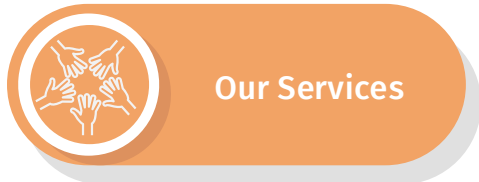




# Company Introduction



# Content of Discussion



# Pinnaxis Overview



## Founded

**2018** Pinnaxis came into existence by Ex-Relsys and Ex-Foresight experts

## Experience

**100+** Years of Cumulative Safety Experience. Avg 5 years

## Client Base

**25+** Actively serving existing and accured new clients in 6 years.

## Global Presence

**3** Operating from Strategically located offices

Noida

New Jersey

London



# Safety System Services

## Safety Systems Experience:

Veeva Safety Vault  
Argus Safety  
ARISg - LSSMV  
Perceive ACE  
Orade AERS

## Safety System Implementation

- 15+ Safety System Upgrades
- Fast-Track Upgrade
- 100% Repeat Work
- Project / Program Management
- Business Configuration
- Validation



## Data Migration

- 35+ Data Migration projects successfully completed
  - Arisg – Argus
  - Argus to Veeva
  - Perceive to Argus
- DB to DB Migration
- E2B and Non-E2B Migrations
- Data Merge from different sources including Japan



## Reporting and Analytics

- Data Mart Development and Maintenance
- DSUR, PADER and PBRER custom reports
- Custom Reporting using PowerBI, Cognos, OBIEE and BO



## Safety System Integration

- E2B R2, R2+, R3 Integration with Clinical Systems
- Integration with Product Compliant System
- Integration with Case Intake solutions



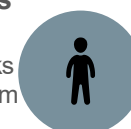
## Tools & Solutions

- E2B R3 Auto Triage
- Regional Translation Reporting Sys.
- S Korea and China – Custom Reporting
- EU-MDR, JMDR Solutions
- Self Service Reporting
- Automation Testing Toolkit



## Change Management / Managed Services

- SME Level Support
- Our consultants works as your business team members
- L2, L3 Level Support (Config Changes, Reporting Rules etc.)



Pharmacovigilance Consultancy





Pinnaxis Data Migration Tool



7 Veeva Safety Customers



### Safety Data Migration

PV Migrations  
Source Data Analysis  
Extraction, Transformation and Load  
Testing and Validation



### Configuration Support

Config Impact Assessment  
Product Dictionary & Safety Rules Config.  
Config requirements facilitation  
(downstream /upstream)  
Liaison Business validation discussions



### Safety System Integrations

Integrated External Tools  
to Veeva



### Validation Services

Strong Validation Team,  
Automation Testing Framework  
/ Toolkit, and Robust QMS



### Managed Services

Actively engaged in Post  
Implementation Support



### Custom Data Mart & Reports Development

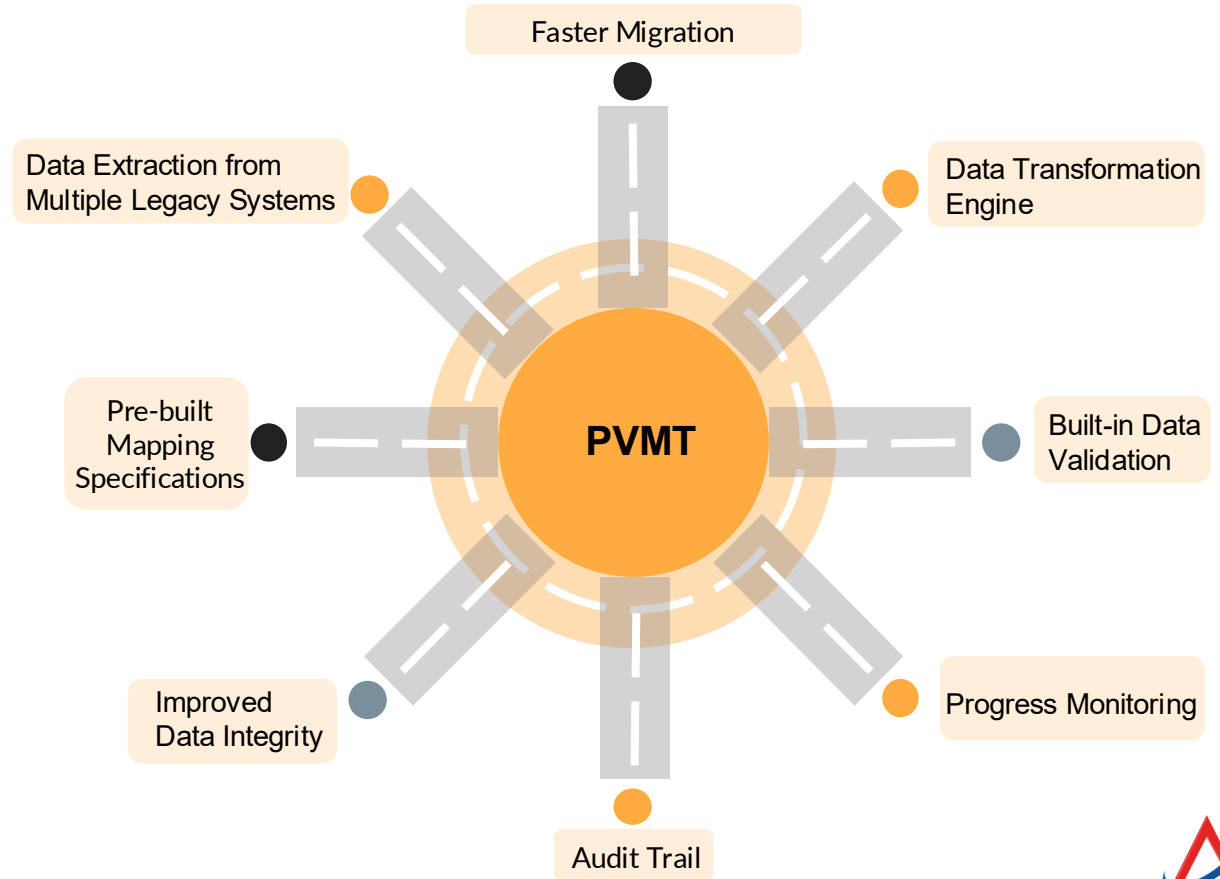
Pinnaxis Proprietary SSR  
Tool (PowerApps)



# PVMT - Pinnaxis' Automated Migration Tool

PVMT is a **Pinnaxis Proprietary Migration Tool**, built by migration veterans after thorough brainstorming, ideation and **with support from Veeva experts**.

With this tool, we are attempting to automate the overall migration process and bring in efficiencies **without compromising on human intelligence**.



# Project Accelerators

The Automated E2B Comparison Utility is a tool designed by Pinnaxis to **automate the validation of E2B** files between legacy systems and Veeva Vault.

It ensures that the migrated **E2B files are compliant with regulatory standards** like E2B and accurately reflects the original data from the legacy system.



## Pinnaxis' E2B Comparison Tool

1

### Field-to-Field Comparison

- Automatically compares each field in the original E2B XML files (from the legacy system) to the corresponding fields in Veeva Vault.

2

### Comprehensive Regulatory Support

- Supports a wide range of global regulatory standards, including FDA (U.S.), EMA (Europe), MFDS (Korea), NMPA (China), Health Canada, and more.

3

### Automated Error Handling

- Automatically identifies and categorizes discrepancies between the original and migrated E2B files.
- Provides an action list, where critical discrepancies are flagged for immediate remediation, while minor ones can be scheduled for later review.

4

### Batch Processing

- Capable of handling large-scale migrations by processing thousands of E2B files at once, ensuring scalability for organizations with high data volumes.

5

### Time Saving and Increased Accuracy

- Automates manual comparison processes that would take weeks or months, reducing validation time by 70%.
- Automates complex E2B comparison tasks, ensuring precise data validation and error detection across thousands of cases.

# Project Accelerators

# PAT – Pinnaxis' Automation Toolkit

Pinnaxis Automation Testing Toolkit is an advanced testing solution that automates the validation and verification of all data migration tasks, ensuring data integrity across the migration lifecycle.

## 01 Reduced Manual Effort

Automates repetitive testing tasks, freeing up resources and reducing manual effort by up to 60%.



## Pre-Defined Framework 05

Includes a comprehensive library of pre-built scripts that automate testing for various migration phases, including extraction, transformation, and loading. Customizable to fit specific client needs and regulatory requirements.



## 02 Improved Data Quality

Identifies data integrity issues early, ensuring clean, reliable data throughout the migration process.



## End-to-End Regression Testing 06

Automatically runs regression tests to ensure that changes in the migration process don't affect previously validated data. Continuous testing ensures that any modifications, whether due to updated mappings or process changes, do not introduce new errors.



## 03 Proactive Risk Management

Early detection of issues prevents costly delays or rework during the migration process.



## Parallel Testing 07

Supports parallel test execution across multiple environments, reducing the overall testing time while maintaining thorough coverage.



## 04 Pre-Built Testing Scripts

pre-built scripts that automate testing for various migration phases, including extraction, transformation, and loading.



## Validation Across Regulatory Requirements 08

Tests for data accuracy, completeness, and adherence to regulatory standards (E2B, FDA, EMA, MFDS, NMPA).



# Pinnaxis Tools Integrating for Success

Pinnaxis tools are designed to work seamlessly together to cover every phase of the data migration process.



## Benefits of an Integrated Approach

- ✓ **Efficiency** Reduces migration time by up to 50%.
- ✓ **Accuracy** Ensures data integrity, compliance, and error-free submissions.
- ✓ **Comprehensive Coverage** Automates every critical aspect of data migration, from transformation to validation and testing.