WinWire

WinAIBIMS – Agentic BI Modernization Suite

Modernize Your BI Landscape with Agentic AI-Enabled Framework



Enterprises struggle with slow report conversions, inconsistent business logic, fragmented dashboards, and limited automation. Without data-driven insights into complexity and redundancy, costs rise, and timelines extend. Reducing developer dependency requires a scalable, repeatable, Al-driven modernization approach that accelerates time-to-insight.

WinWire's Integrated Offer: Framework + Agentic AI Automation

WinWire delivers a **4-week pilot** that combines our source-agnostic **BI Modernization Framework** with **WinAIBIMS**, an internal Agentic AI automation engine used exclusively by WinWire's delivery teams that accelerates conversion from legacy BI environments (Tableau, Qlik, Cognos, MicroStrategy, SAP Business Objects, SSRS) into Power BI.

This integrated approach demonstrates how enterprises can modernize more quickly, achieve consistent results, and reduce manual effort while laying the foundation for large-scale BI transformation.

Al Agents used across the framework



Discovery & Assess

- Metadata Extractor
- Metadata Analysis
- Inventory & Usage Intelligence
- · Complexity Scoring
- Lineage & Graph Builder
- Security Model Extraction



Design & Plan

- BI Rationalization
- Semantic Model Mapping
- · Visualization Mapping
- Security Model Mapping



Migrate & Modernize

- Semantic Model Migrator
- PBI Visual Layout Generator
- Security Model Migrator
- · Migrate Report



Validate & Test

 Power BI Pulse Performance Validator



Manage & Evolve

- BI Observability
- Power BI Pulse Continuous Optimization

Pilot Scope



Discovery of one instance of a legacy
BI tool



Al-driven Complexity Analysis for up to 200 reports in the identified legacy BI tool



Automated
extraction
of metadata, KPIs,
relationships, visual
configurations



Al-assisted semantic model generation, expression transformation, and layout creation



Agentic Al-based automation for Power Bl foundation components, including templates, layouts & a governed semantic model



Modernization of 2-3 BI reports into Power BI



Generation of PBIP/TMDL Power BI assets



Automated validation, parity checks, and performance evaluation

Key Activities

Al-driven discovery and automated metadata extraction

Complexity assessment of up to 200-report BI footprint

Al-generated BI Modernization Dashboard, including rationalization clusters, usage patterns & modernization effort insights



Automated creation of semantic models, visuals, and TMDL/PBIP artifacts

> Al-assisted migration of 2–3 Tableau (other legacy) reports to Power Bl

Al-based automation for performance review of migrated assets

Deliverables



Complexity Analysis Report (up to 200 reports)



BI Modernization
Dashboard (rationalization
+ modernization insights)



Power BI UX templates and layout recommendations



Converted Power BI project files (PBIP/TMDL) with visuals



Framework-based modernization blueprint & architectural recommendations



Pilot Summary and enterprise-scale modernization roadmap

Business Benefits



Velocity: Up to 80% faster modernization (Weeks vs. Months).



Efficiency: 50% reduction in total migration and rebuild costs.



Accuracy: Automated recreation of KPIs to eliminate "Data Distrust."



Optimization: Active rationalization to kill "BI Debt" & redundant reports.



Scalability: A robust, enterprise-wide foundation that grows with the business.



Adoption: Rapid user uptake via persona-based change management.

Engagement Timeline

Phase 1

Discovery & framework alignment

Phase 2

Al-driven modernization

Phase 3

Validation, performance review, modernization roadmap

Note: WinAIBIMS is WinWire's internal Agentic AI automation engine used exclusively by our delivery teams.