



AI ENHANCEMENTS IN ELECTRONIC REPORTING WITHIN MICROSOFT DYNAMICS 365 FINANCE AND OPERATIONS

AI is transforming electronic reporting with Microsoft Dynamics 365 Finance and Operations by automating repetitive tasks, improving accuracy, and enabling predictive insights. Copilot and AI agents now streamline report generation, reconciliation, and compliance, reducing manual effort and accelerating financial close cycles.

These enhancements streamline report generation, improve data accuracy, and accelerate financial processes. With Copilot and embedded AI agents, finance teams can generate reports conversationally, automate reconciliations, and embed predictive analytics directly into reporting templates. This evolution transforms ER from a static compliance tool into a dynamic decision-support system, enabling faster close cycles, proactive compliance, and strategic financial forecasting.

Key AI Enhancements in Electronic Reporting

AI-Powered Copilot Integration

- Natural language queries allow users to ask for reports conversationally instead of navigating complex menus.
- Copilot can summarize financial data and generate reports automatically, reducing manual formatting.
- Smart recommendations for configuring dimensions and cubes cut down setup time.

Automation of Repetitive Tasks

- AI agents handle journal entries, reconciliations, and variance analysis, which traditionally require manual intervention.
- Automated workflows shorten financial close cycles and improve data integrity.

Predictive and Prescriptive Analytics

- AI models forecast cash flow, expenses, and revenue trends, embedding insights directly into reports.
- Prescriptive recommendations guide finance teams on corrective actions when anomalies are detected.

Enhanced Compliance and Transparency

- AI ensures policy adherence by validating reporting structures against accounting standards.
- Automated audit trails improve regulatory compliance and reduce risk of reporting errors.

Automated Compliance and Regulatory Updates

- AI monitors regulatory changes and suggests updates to ER configurations.
- This reduces manual intervention and ensures compliance with evolving tax and financial laws.
- AI-driven forecasting models enhance ER by predicting cash flow, expenses, and revenue trends.

Benefits for Finance Teams

Aspect	Traditional ER	AI-Enhanced ER (with Copilot and AI)
Report Creation	Manual configuration of data models, mappings, and formats	Natural language queries generate reports automatically
User Experience	Requires technical knowledge of ER designer	Accessible to non-technical users via conversational AI
Data Insights	Static, historical reporting	Predictive analytics (cash flow, revenue, expense forecasting)
Compliance Updates	Manual monitoring and updating of regulatory formats	AI suggests and auto-updates ER configurations based on new regulations
Error Detection	Relies on manual validation and audits	AI detects anomalies, duplicates, and mismatched entries in real time
Customization	Time-consuming setup for new layouts and formats	AI recommends optimal layouts and mappings based on usage patterns
Decision Support	Reports are mainly descriptive	Reports enriched with proactive insights and recommendations
Integration	Limited to ER framework and manual Microsoft Power BI connections	Deep integration with Microsoft Power BI, Copilot, and Azure AI for advanced analytics

Use Case - 1

AI enhancements are transforming VAT declaration in Europe within Microsoft Dynamics 365 Finance and Operations.

AI Enhancements in VAT Declaration - Europe

1. Automated Data Extraction and Validation

- AI can automatically map transactions to VAT codes based on country-specific rules.
- Intelligent validation ensures invoices and journal entries comply with EU VAT directives and local country regulations.
- Reduces manual errors in tax coding and improves audit readiness.

2. Copilot for VAT Reporting

- Finance teams can use natural language queries like "Generate my monthly VAT declaration for Germany".
- Copilot prepares the declaration in the correct EU-compliant XML/CSV format for submission to tax authorities.
- Provides summaries and anomaly detection (e.g., unusually high input VAT claims).

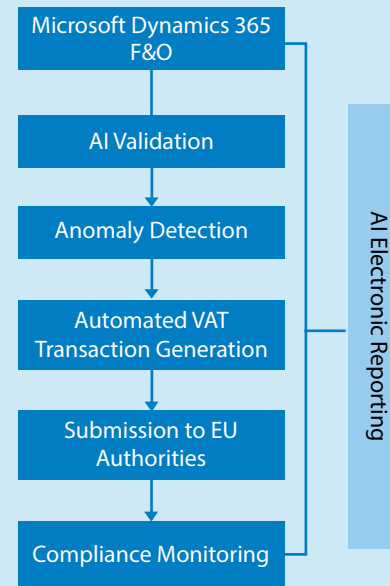
3. AI-Powered Compliance Monitoring

- Continuous monitoring of transactions against EU VAT thresholds (e.g., intra-community supplies, reverse charge).
- Alerts when transactions may trigger special reporting obligations (OSS/IOSS, EC Sales List).
- Ensures proactive compliance across multiple jurisdictions.

4. Predictive Insights

- AI forecasts future VAT liabilities based on historical transaction patterns.
- Helps CFOs plan cash flow around VAT payments/refunds.
- Identifies opportunities for tax optimization (e.g., reclaimable VAT).

AI Enhancement in VAT Declaration Report - Europe



Use Case - 2

AI enhances Intrastat electronic reporting for VAT in Microsoft Dynamics 365 Finance and Operations.

Intrastat is the EU system for collecting statistics on the trade of goods between Member States. Companies must declare dispatches (exports) and arrivals (imports) monthly, alongside VAT declarations. Traditionally, this requires manual coding, reconciliation, and file generation in country-specific formats (XML/CSV).

AI Enhancements in Intrastat Electronic Reporting

1. Automated Transaction Classification

- AI automatically assigns commodity codes, VAT codes, and country codes based on transaction data.
- Reduces manual errors in classification and ensures compliance with EU Intrastat rules.

2. Copilot for Report Generation

- Finance teams can request reports conversationally: "Generate my Intrastat dispatches for France this month."
- Copilot prepares the declaration in the correct EU-compliant format for submission.

3. Anomaly Detection

- AI flags unusual trade flows (e.g., sudden spikes in dispatches to a country).
- Helps finance teams investigate potential data entry errors or compliance risks before submission.

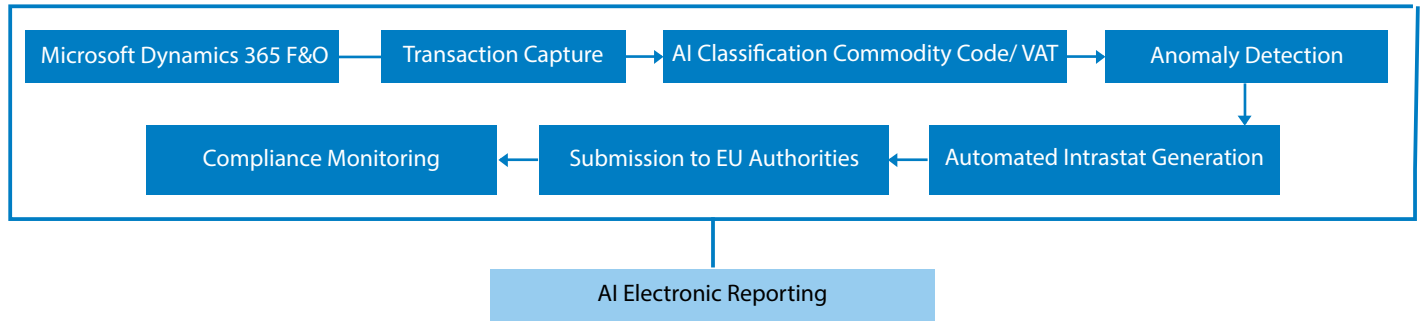
4. Predictive Insights

- Forecasts future trade volumes and VAT implications based on historical patterns.
- Supports cash flow planning and proactive compliance management.

5. Compliance Automation

- AI validates Intrastat reports against EU thresholds and local country rules.
- Ensures correct handling of special cases (e.g., triangulation, reverse charge).
- Generates audit-ready trails for tax authorities.

AI Enhancement in Intrastat Report - Europe



Authors



Chahat Goyal is a Senior Associate Consultant in the Microsoft Practice at Infosys, with experience across SAP and Microsoft units. She supports presales initiatives for Cloud ERP and enterprise solutions, drawing on strong communication skills and a passion for reading to interpret complex information and convey value with clarity. Her analytical mindset and adaptability enhance her effectiveness in client-focused presales engagements.



Iswar Chandra Mahanta is a Senior Consultant at Infosys with over 3 years of experience. He specializes in end-to-end implementation of Microsoft Dynamics 365 Finance and Operations and electronic reporting for Cloud ERP and enterprise solutions, with a strong focus on solution consulting. His expertise includes problem-solving, customer support, and AI-driven data analytics. Iswar's exceptional contributions have been recognized with prestigious accolades such as the "RISE Award," underscoring his commitment to excellence and impactful delivery. In addition, he has significantly contributed to the development of advanced training materials for Microsoft Dynamics 365 F&O, further strengthening knowledge sharing and capability building within the organization.

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For more information, contact askus@infosys.com

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