

Technical Requirements



Overview

Welcome to your gateway to unparalleled print management intelligence. This document outlines the technical requirements for deploying the InsightAI360 agent, ensuring optimal performance and integration within your printing environment.

System Requirements for InsightAI360 Agent

Minimum System Requirements

The InsightAI360 agent is designed to extract information from various print accounting systems and contains the necessary libraries to operate automatically as a Windows service.

Integration Capabilities:

Compatible with print management solutions like MyQ, NDD360, PaperCut, DocuPro, and Kofax Equitrac.

Installation Requirements:

Install using a local administrator account.

It is recommended to install the agent directly on the server hosting the print accounting database.

Requires internet access for communication with the InsightAI360 platform.

Operating Systems Supported:

- Windows Server 2016, 2019, 2022
- Windows 10, Windows 11 (for smaller environments)

Minimum Hardware Recommendations

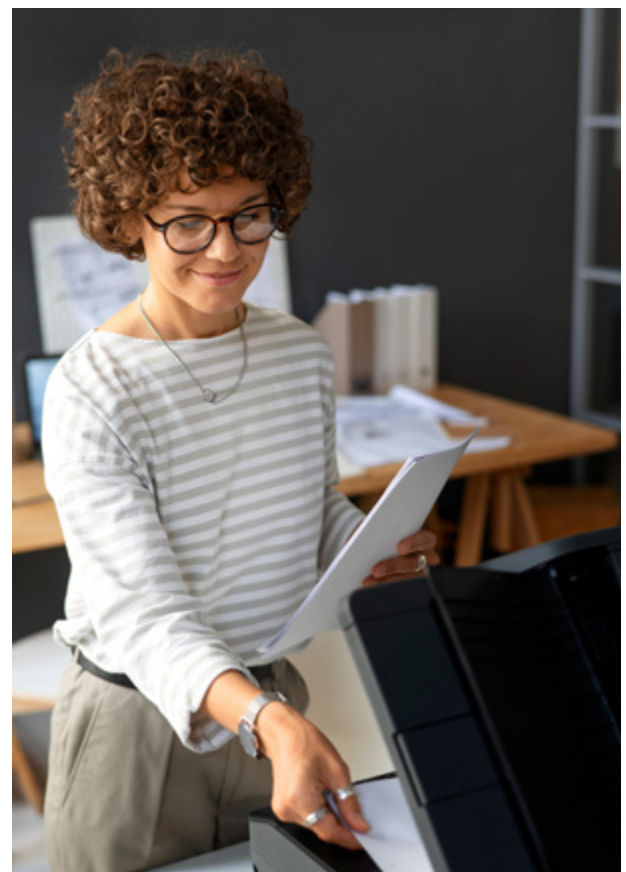
The hardware requirements for the InsightAI360 agent depend on the selected operating system, desired performance, and workload.

Suggested Configurations:

- CPU: Dual-core processor or higher
- RAM: 4 GB minimum, 8 GB recommended
- Disk Space: 40 GB free space minimum and 160 GB recommended

Printer Compatibility:

Supports various printer brands and models including HP, Canon, Xerox, Brother, and others that are compatible with the aforementioned print management



solutions.

Network and Security Requirements

Network Access and Port Requirements

For the InsightAI360 agent to function correctly, ensure the following network configurations:

Internet Access:

Direct access without a proxy to:

- smartdiservices.com
- smartdiservices.online

Port Requirements:

All communications occur through port 443 (HTTPS).

Email Notifications:

Default SMTP server: smtp.office365.com (Port 587)

Option to configure custom email settings.

Security Measures

All communications between the InsightAI360 agent and the platform are encrypted using AES256. The data flow is protected through our Web Application Firewall (WAF) and Microsoft Azure security mechanisms.

Data Encryption:

Uses HTTPS for all communications.

Ensure that the installation of the InsightAI360 agent is executed with local administrator privileges and is directly on the server hosting the print accounting database. Failure to follow this step will result in the agent not being able to access the necessary data, causing the entire system to malfunction. This is crucial for the proper functioning and data collection of InsightAI360.



End-to-end encryption ensures data security.

Data Collection and Storage

The InsightAI360 agent collects specific information from the print accounting database during each scheduled task:

Printer Attributes:

IP address, device description, manufacturer, serial number, model, etc.

User Attributes:

UserID, username, full name, email, department, etc.

Transaction Attributes:

Date, type, document name, size, application, pages, cost, etc.

Data Storage

The collected data is securely transmi-

tted to and stored on Microsoft Azure servers. The storage process includes:

Storage Location:

Data is stored in data centers compliant with international security standards, located in various regions to ensure redundancy and data availability.

Data Retention:

Data is retained according to your organization's policy and regulatory requirements, with options for long-term storage and archiving.

Data Transmission

The agent performs incremental data extractions to minimize network impact and allows configuration of the frequency and volume of transactions.

Bandwidth Estimates:

50,000 transactions: ~51 MB, ~12 se-

conds to send.

200,000 transactions: ~55 MB, ~28 seconds to send.

Agent Updates

Occasional updates (~75 MB) will be required, downloaded automatically to ensure the agent remains up-to-date with the latest features and security patches.

Detailed Process Explanation

Installation Process

Download the Agent:

Obtain the installation package from the Smart-DI website or through your account manager.

Installation:

Run the installer with administrative privileges on the server hosting the print accounting database.

Follow the on-screen instructions to complete the installation.

Configuration:

Configure network settings to allow access to the necessary domains.

Set up email notifications if required.

Data Extraction Setup:

Connect the agent to your print management solution by providing the necessary credentials.

Schedule data extraction intervals according to your organization's needs.

Data Handling and Security

Data Collection:

The agent collects data from the print accounting database at the scheduled intervals.

Information is encrypted and prepared for transmission.

Data Transmission:

Data is securely transmitted to the InsightAI360 platform over HTTPS.

Incremental updates ensure minimal network impact.

Data Storage:


Received data is stored in Microsoft Azure's secure and compliant data centers.

Data is encrypted at rest and managed according to your retention policies.

Data Analysis:

InsightAI360 processes the collected data to provide detailed insights and analytics.





Reports and dashboards are available through the InsightAI360 platform.

Summary of Key Points

System Requirements: Ensure compatibility and adequate resources.

Network and Security: Configure necessary network access and maintain robust security measures.

Data Handling: Collect and transmit data securely and efficiently.

Process Explanation: Follow the detailed steps for installation, configuration, and data handling.

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