NUCLEON
AHEAD OF CYBER THREATS

Nucleon ATOM AI

SOC Workflow Automation Platform

MODERN SOC TEAMS NEED INTELLIGENT AUTOMATION

In today's high-velocity threat landscape, security analysts face overwhelming alert volumes, repetitive manual tasks, and investigation fatigue. Traditional SOAR tools require extensive scripting and maintenance, slowing response times. Nucleon ATOM AI transforms SOC operations with agentic automation - specialized AI agents that investigate, correlate, and respond to threats autonomously.

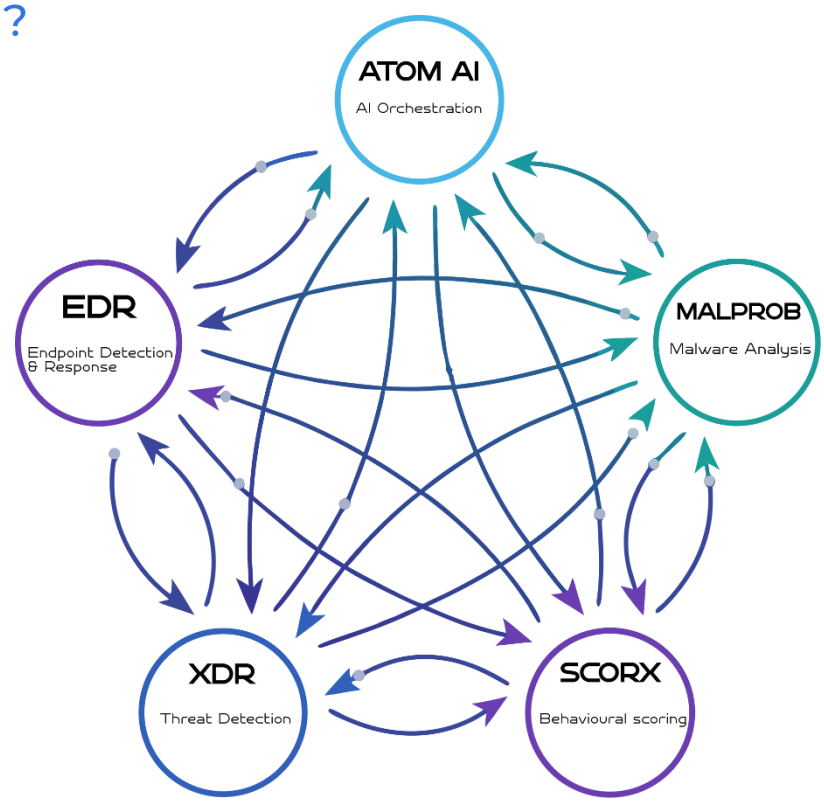
Why choose Nucleon ATOM AI?

Connectors – pre-built and custom OpenAPI connectors unify endpoint, network, cloud, and 3rd-party security tools into workflows.

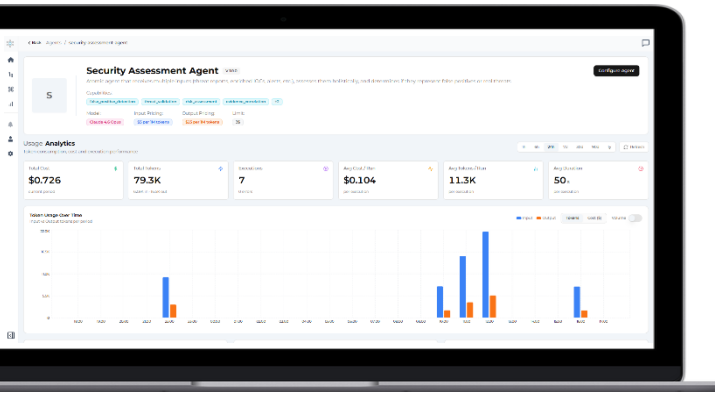
AI Agents – specialized security agents perform enrichment, analysis, and decision-making with human-like reasoning and context awareness.

Workflows – Drag-and-drop DAG editor lets analysts build, test, and deploy complex automation workflows without coding.

Executions and Reports – Every workflow execution generates structured markdown reports with metadata, token usage, and step-by-step logs.



Chat Assistant – Generate Zero-Trust rules, create custom workflows, query execution history, and troubleshoot, without leaving the security console.

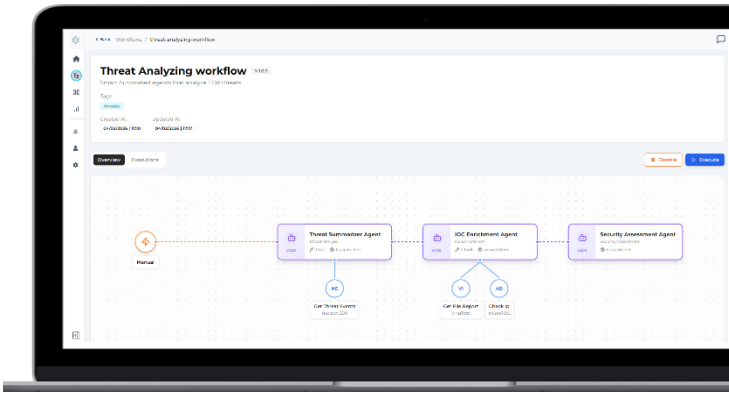


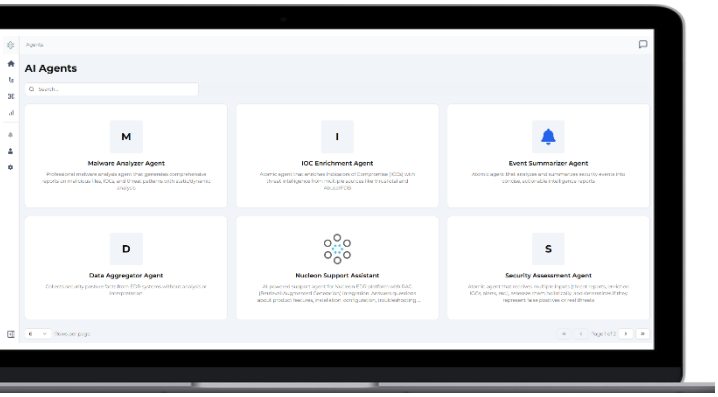
Security Automation

ATOM AI introduces an agentic approach to security operations. Instead of static playbooks, intelligent agents analyze context, make decisions, and trigger automated actions to accelerate incident response and reduce analyst workload.

Workflows

Workflows orchestrate the execution of agents and tools through a visual automation engine. Using a DAG-based logic, complex investigation and response pipelines can be built to automate multi-step security processes. Workflows can be triggered by alerts, tasks or external events, enabling fully automated SOC operations.





AI Agents

Specialized AI agents are designed to analyze alerts, enrich security data and execute remediation actions. Each agent operates with a defined scope and authorized tools to ensure secure and efficient automation. Agents can perform tasks such as threat intelligence enrichment, alert triage, analysis or automated containment.

Real World Use Cases

Automated alert investigation

Automatically investigates alerts with contextual data and behavior analysis.

IOC enrichment and threat analysis

Enriches IOCs with threat intelligence and actionable risk scoring.

ATOM AI

Cross-platform security orchestration

Orchestrates security actions across integrated tools and platforms.

Automated incident response

Triggers automated containment and response actions

4.7 ★★★★★
Gartner Peer Insights™

Microsoft Virus Initiative

ABUSE.ch

ROYAUME DU MAROC
ADMINISTRATION DE LA DEFENSE NATIONALE
DIRECTION GENERALE DE LA SECURITE DES SYSTEMES D'INFORMATION

HAFS
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VIDÉO PROTECTION
Solutions de vidéosurveillance intelligentes

HCI STOCKAGE SAUVEGARDE
Stockage, sauvegarde et haute disponibilité

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