

Hyperautomation vs. Automation - The Difference

Automation

Automation involves using technology, like software or hardware, to carry out tasks with minimal human involvement, a key element in streamlining business processes for its advantages like faster execution, fewer errors, & cost-efficiency. Historically, automation was mainly applied to repetitive, rule-driven activities.

Example: Data Entry, Invoice Processing

Hyperautomation

Hyperautomation approach is the evolution of automation, integrating advanced technologies like artificial intelligence (AI), machine learning (ML), and robotic process automation (RPA) to enhance and streamline business operations. It extends beyond routine, rule-based tasks, effectively managing intricate, full-cycle processes.

Example: Fraud Detection

Key Features



Automation

1. Rule Based
2. Single Task Focus
3. Limited Cognitive Capabilities



Hyperautomation

1. Cognitive Abilities
2. End-to-End Automation
3. Data Driven Insights
4. Scalability

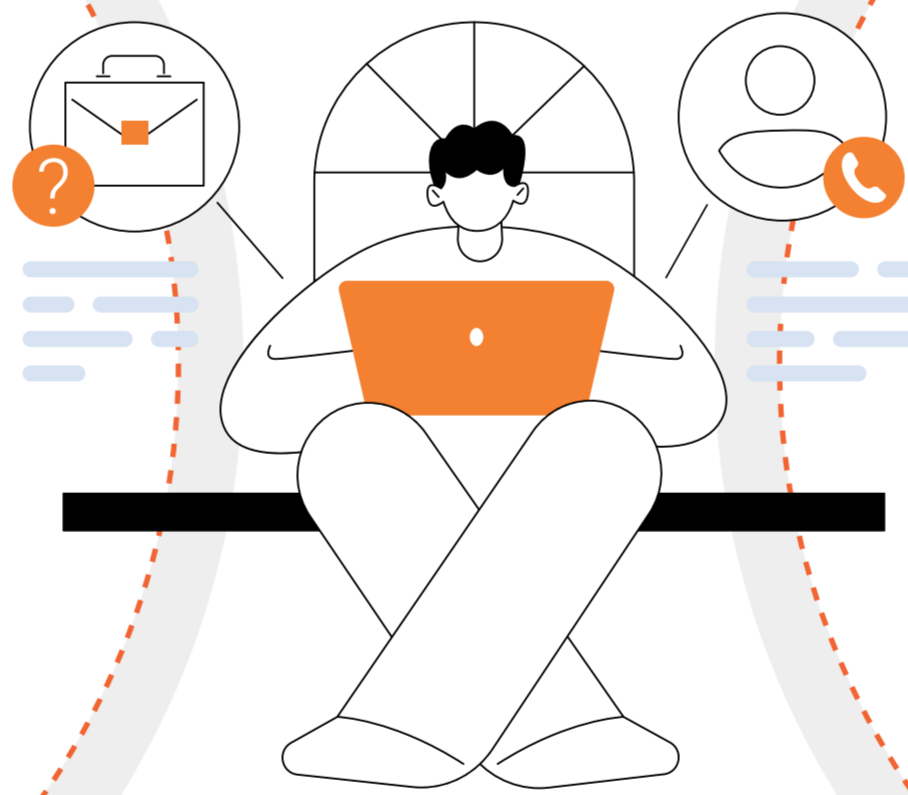
Hyperautomation vs. Automation - The Difference

 Scope & Complexity	Typically applied to rule based repetitive tasks and use technology to perform specific tasks without human intervention.	An advanced and comprehensive approach that involves the use of combination of technologies like RPA, AI, and process orchestration to automate repetitive & complex tasks.
 Integration & Orchestration	Limited to a single task or a single software application.	Create seamless end-to-end process with multiple software systems, databases, and APIs to streamline business workflows.
 Decision Making Capabilities	Typically follows predefined rules and instructions and lacks the ability to make complex decisions or adapt to changing conditions.	Leverages AI and machine learning to enable decision-making capabilities. It can analyze data, learn from historical patterns, and make intelligent choices.
 Scalability & Flexibility	Require manual adjustments when processes change, and may not actively seek opportunities for improvement.	Designed for continuous improvement and can identify inefficiencies, bottlenecks, and opportunities for improvements automatically.
 Holistic Approach	Basically used on case-to-case basis to address specific tasks or challenges.	Adopt a comprehensive strategy to enhance business processes and concentrate on optimizing complete operational sequences.

When to use Automation vs. Hyperautomation?

Automation

1. Dealing with routine tasks
2. Need quick, efficient, and error free task completion
3. Process doesn't require complex decision making



Hyperautomation

1. Performing end-to-end process with multiple interconnected tasks
2. Handle complex decision making based on data
3. Aiming for holistic digital transformation

Why Choose AutomationEdge's Hyperautomation Platform?

- 1 Communication Mining**
Ticket Resolutions/Emails & Others
Mine context from communication messages and transform them into actionable data
- 2 Data Analytics**
Drive insights to improve business performance and customer experience
- 3 IDP**
Ticket Resolutions/Emails & others
Superfast document processing to cut time-to-market up to 70%
- 4 Conversational AI**
Create an intelligent way of offering a customer experience to mimic conversations with real people using AI
- 5 Ready Workflows**
Ready-to-use automation solutions that are specifically designed to meet the needs of the banking
- 6 API Cloud**
Single platform to make its data and functionality available for other programs to use
- 7 Low-Code/No-Code Platform**
Integrated development environment with built-in APIs, reusable plug-in modules and graphical
- 8 Automation**
RPA/AI/Interlligent Automation
Create a seamless employee experience with the help of robot automation