# GBS Intelligent Surveillance-Enabled Transaction Monitoring System

The GBS Intelligent Surveillance-Enabled Transaction Monitoring System is an advanced AI-assisted solution designed to integrate video surveillance with POS (Point of Sale) terminals. It ensures complete visibility, fraud prevention, and enhanced customer trust in retail and enterprise environments.

## Flowchart: Intelligent Surveillance-Enabled Transaction Monitoring System

Key Features Highlighted in the System Flowchart:

* Real-time Camera Reflection of cashier and transaction screen.
* Motion-Triggered Greetings for user-friendly interaction.
* Automatic Alerts & Snapshots for flagged events.
* Live Event Forwarding to store owner or admin.
* Secure DVR Storage of all activities.

## System Capabilities

* Seamless integration with POS terminals for live monitoring.
* AI-assisted motion detection and behavior recognition.
* Multi-level alert and event management system.
* Cloud-enabled remote access for administrators and auditors.
* High-definition video recording and secure archival.

## Conclusion

This system demonstrates the effectiveness of an AI-assisted surveillance mechanism integrated with the POS terminal. The layered approach to visibility, automatic alerts, and record preservation establishes a robust framework for preventing fraud, ensuring transparency, and enhancing customer trust. The system’s intelligent automation enables real-time monitoring, quicker decision-making, and greater operational control for retail environments.