

Gravo introduces a fully automated cash center concept in VR, bringing next-generation cash operations to Qatar

Gravo Trading & Services is developing a fully automated, modern cash center concept that combines advanced cash processing equipment, robotic automation, and real-time monitoring, presented through an immersive Virtual Reality experience. The VR environment is designed to let visitors explore a complete cash center workflow and a dedicated monitoring room, without the need to move heavy equipment or access high-security facilities.

Why this concept matters

Cash operations remain operationally critical across Qatar and the region. Yet many cash center workflows are still fragmented, heavily manual, and difficult to visualize for decision makers. Gravo's concept focuses on a controlled, end-to-end model where cash moves through defined steps, manual touchpoints are reduced, and operational visibility is available in real time.



The concept, from intake to automated storage

In the VR experience, visitors follow cash through a secure production workflow that reflects a modern automated operation:

1. High-speed cash processing and verification

Cash is processed through counting and sorting machines that authenticate and sort according to operational requirements. The environment is built to demonstrate a complete processing and packing flow, not just individual devices.

2. Automated packing and final preparation

Once processed, banknotes are prepared for handover using automated packing steps such as bundling, strapping, and shrink wrapping. This reflects Gravo's focus on reducing manual touchpoints and ensuring consistent output quality in final preparation.

3. Robotic handling and automated storage (AutoStore-style workflow)

After packing, bundles move into an automated storage area where robotic handling and storage management can place bundles into secure racks and support controlled retrieval. The VR scope includes automated storage racks, storage capacity visualization, and retrieval triggers to demonstrate how bundles can be moved in and out dynamically.

The concept, from intake to automated storage

In the VR experience, visitors follow cash through a secure production workflow that reflects a modern automated operation:

Full visibility through a CCTV-driven monitoring room

A core part of the concept is the operations monitoring room, which receives live CCTV visibility from the production area, creating a command-and-control layer for oversight, incident response, and operational coordination. The VR environment includes CCTV cameras and a monitoring room to help visitors understand how performance and exceptions can be managed in real time.

A first-of-its-kind experience for Qatar's market, designed to accelerate decisions

Gravo is introducing this concept as a practical way to bring modern cash center design thinking, automation, and operational visibility to the local market, while also creating a consistent, high-impact demonstration format for regional stakeholders. The VR experience is intended to support decision makers by making workflows clear and tangible, without relying on physical tours or repeated shipment of large equipment.

What visitors will experience

The VR cash center is being built as an interactive walkthrough that can be used in exhibitions and executive briefings. Visitors will be able to explore:

- A production workflow environment with processing, conveyors, packing, and automated storage
- A monitoring room perspective that shows oversight and operational control
- A guided, structured experience suitable for professional demonstrations

About Gravo Trading & Services

Gravo Trading & Services is a Qatar-based trading and services company established in 2005, serving banks, cash-in-transit operators, and large retailers across Qatar and the GCC. Founded initially in printing and advertising, Gravo evolved to deliver operational solutions for high-reliability environments, and today focuses on secure, end-to-end cash automation.

We combine advisory services, locally hosted software, and a curated hardware portfolio to build controlled cash workflows across branches and cash centres. From strategy and design to deployment and ongoing support, our focus is measurable outcomes: stronger controls, improved efficiency, and consistent service quality.

Visit Gravo at Web Summit Qatar

Visitors and stakeholders interested in next-generation financial operations are invited to experience the VR walkthrough and connect with Gravo Trading & Services to explore practical solutions across secure cash automation, cash-centre modernization, and operational control.

Gravo also welcomes one-to-one discussions with banks, cash-in-transit operators, and large retailers seeking to upgrade their financial infrastructure, including POS and acquiring ecosystems, workflow visibility, and locally supported deployment models across Qatar and the GCC.

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