TOYOTA CENTER TBILISI
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VIGI Strengthens Enterprise Security Across Toyota Center Tbilisi

END-CUSTOMER GENERAL PROFILE

Name: Toyota Center Tbilisi

Industry : Automotive Retail & Service

Location : 116 David Agmashenebeli Alley Tbilisi, Georgia

Facility Size: Multiple buildings including showroom, service centers, and office spaces

USED PRODUCTS :

VIGI C340 – 4MP Outdoor Full-Color Bullet Camera × 130

VIGI C430 – 4MP Indoor Dome Camera × 120

VIGI NVR4032H – 32-Channel 4K NVR × 8

VIGI NVR4016H – 16-Channel 4K NVR × 8

TP-Link PoE Switches

VIGI Local VMS Server + PC Client

BACKGROUND

Toyota Center Tbilisi—one of Georgia's largest and most trusted automotive retail and service destinations—has enhanced its entire facility's security with a fully integrated VIGI video surveillance ecosystem by TP-Link.

With multiple buildings, diverse operational areas, and high daily foot traffic, the center required a robust, scalable, and centrally managed security solution. VIGI delivered exactly that.

CHALLENGES

Before deploying VIGI, Toyota Center Tbilisi faced several critical challenges that affected monitoring efficiency and operational safety:

1. Fragmented Surveillance Across Multiple Buildings - Different buildings were running separate systems, making centralized monitoring difficult and slowing down incident response.

2. Lack of Unified Storage & Playback - With cameras scattered across various devices, reviewing footage, tracing events, and generating reports required excessive manual effort.

3. Unstable Connectivity Affecting Surveillance - Internet-dependent systems could not guarantee continuous recording or live viewing during network disruptions.

4. Limited Night Visibility in Outdoor Areas - Parking zones and perimeters required high-quality night surveillance that previous systems couldn't deliver.

5. Need for Scalable Infrastructure - As the facility expands, the security system needed to support additional cameras, NVRs, and control rooms without rebuilding the entire setup.

SOLUTION

VIGI by TP-Link has deployed a comprehensive professional video surveillance system for Toyota Center Tbilisi

The solution leverages the advanced VIGI Local VMS platform to provide robust, secure, and centralized monitoring across multiple buildings — covering around 250 cameras connected through 16 VIGI Network Video Recorders (NVRs) and TP-Link PoE switches

Enterprise-Grade Local VMS Architecture

To ensure maximum stability and uninterrupted monitoring, Toyota Center Tbilisi adopted the VIGI Local VMS — an on-premise solution offering:

Local recording to prevent data loss during internet outages

Centralized live monitoring for all 250+ cameras across buildings

High-performance multi-view displays for the control room

Smart playback and event search for faster incident tracing

Independent building-level NVR operation with unified oversight

This hybrid model ensures both security autonomy and centralized visibility, ideal for large-scale facilities.

Intelligent Monitoring Across All Zones

Outdoor Coverage with VIGI C340

4MP ultra-clear imaging

Full-color night vision for 24/7 visibility

Advanced AI motion and intrusion detection

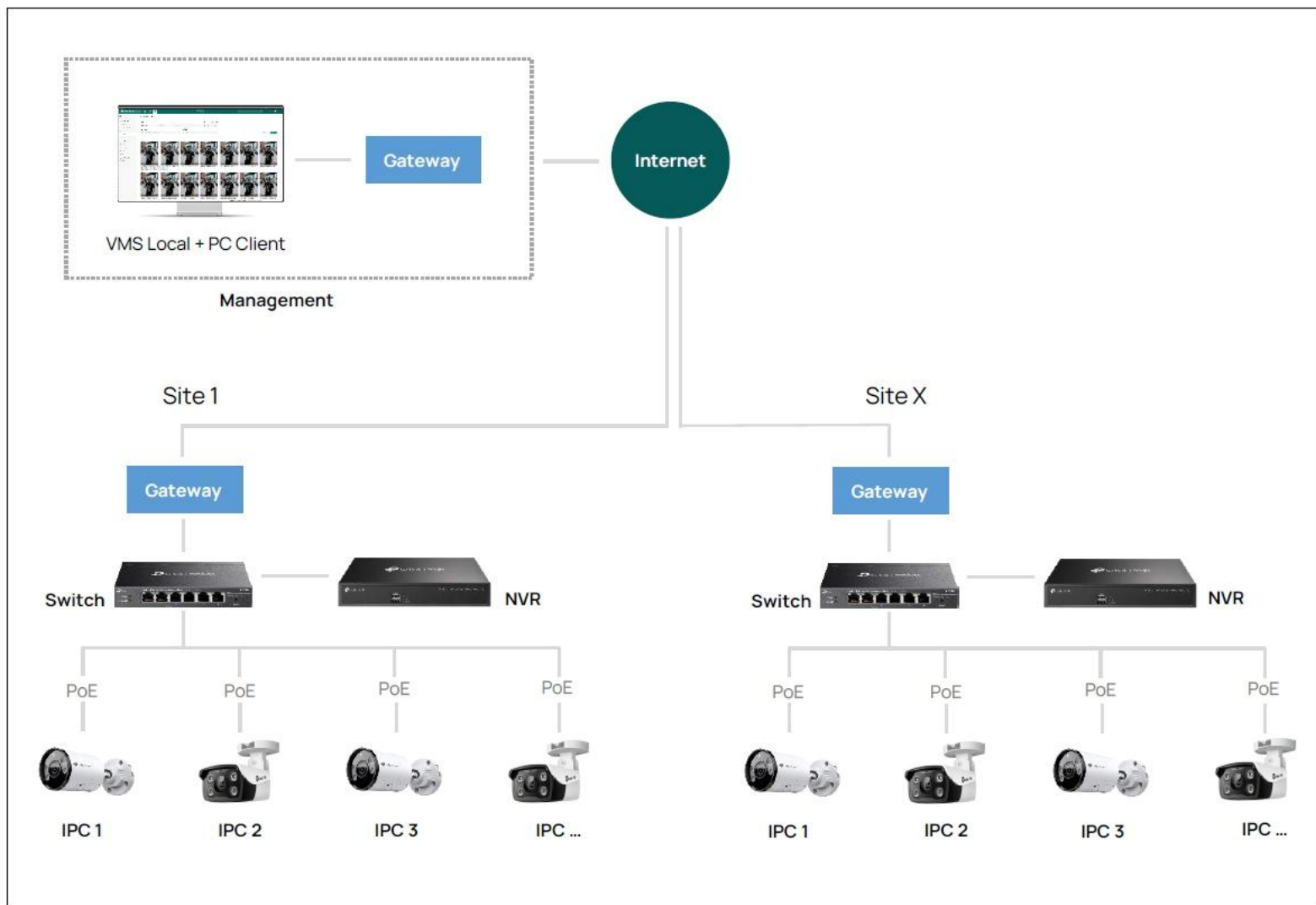Optimal for parking, perimeter, and entrance zones

Indoor Coverage with VIGI C430

Clean, professional dome design

Smart event alerts and high-resolution imaging

Perfect for showrooms, service bays, and office floors

The system uses H.265+ compression, maximizing storage capacity without sacrificing video clarity.
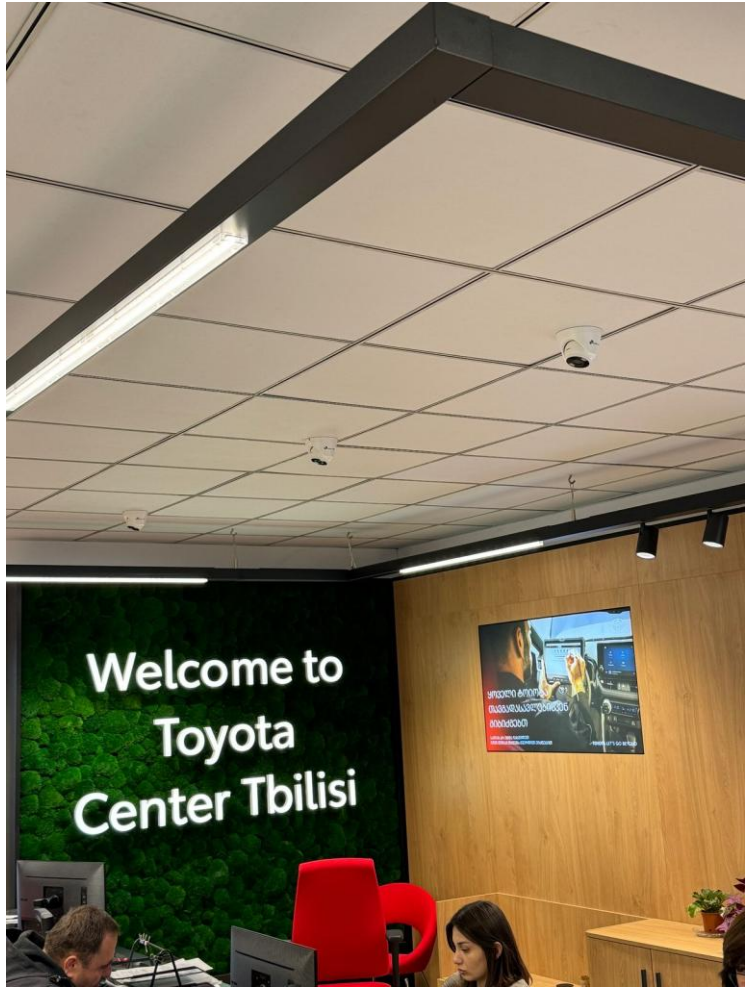
Topology

BUSINESS RESULTS

By adopting TP-Link's VIGI surveillance ecosystem, Toyota Center Tbilisi has transformed its security infrastructure into a modern, stable, and scalable system. With seamless integration across buildings, intelligent monitoring tools, and enterprise-level reliability, VIGI now serves as the backbone of the facility's safety and operational assurance.

✔ **Centralized Monitoring Achieved :-** All buildings are now managed through one unified VMS interface.

✔ **Improved Incident Response Time :-** Smart search and real-time alerts enable quicker investigations.

✔ **Uninterrupted Recording :-** Local VMS ensures continuous operation even during internet downtime.

✔ **Superior Day & Night Video Quality :-** Full-color outdoor cameras and high-resolution indoor units provide complete visual clarity 24/7.

✔ **Scalable Infrastructure Ready for Expansion :-** The site can easily add more cameras and NVRs without system redesign.

Customer Testimonial

"We were impressed by the scalability and stability of the VIGI system.

The Local VMS gives us complete control of all cameras from one interface without relying on cloud systems.

TP-Link's engineering support made the integration smooth and professional."

— IT Department, Toyota Center Tbilisi