Edge-enabled contactless checkout

Retail location

1. Edge-connected sensors identify the customer’s unique ID via an app on their phone.

2. On-premises edge digests sensor and video data, then applies AI/ML and computer vision to track customer’s movement and identify items in their cart.

3. Exit sensor recognises customer’s phone and automatically processes the purchase as they leave the store.

4. Public cloud digests sensor and video data, then applies AI/ML and computer vision to track customers and identify items.

Edge cloud location

Lumen Edge Bare Metal
Lumen Edge VM
Lumen Edge Private Cloud
Lumen firewall
Lumen Dynamic Connections IP VPN

Data is sent to the cloud metro edge from multiple retail sites and then transmitted to the public cloud.

Lumen Fibre Connectivity solutions
Lumen ITS, professional security services

1 For high compute use-cases, use Lumen Edge Gateway with Lumen Edge Private Cloud

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Lumen Edge Solutions

Services

Lumen IT Services
Accelerate your innovations with next-generation IT solutions and trusted expertise.

Lumen Professional Security Services
Minimise threat management overload and shrink attack surfaces while maximising defense alertness.
www.lumen.com/en-uk/security/professional-security-services.html

PaaS

Lumen Edge Orchestrator
Organise and monitor your infrastructure, workloads and services across multi-edge environments.

IaaS

Lumen Edge Gateway
Take advantage of an on-premises edge computing solution for WAN, security and IT workloads.

Lumen Edge Bare Metal
Optimise app performance with dedicated bare metal servers on edge nodes designed to deliver ≤5ms of latency.

Lumen Edge VM
Provision virtual machines and functions with next-gen agility at the edge.

Lumen Edge Private Cloud
Harness fully managed pre-built infrastructure for high-performance computing on our global fibre network.

Edge end points

Lumen Edge Gateway
Take advantage of an on-premises edge computing solution for WAN, security and IT workloads.

Connectivity

Lumen SD-WAN
Secure and coordinate workloads on a single, automated platform with centralised visibility and control.

Lumen Dynamic Connections
Stay ahead of evolving business demands with real-time network provisioning for next-gen IT agility.

Security

Lumen IP VPN
Connect your locations globally to a flexible network with the capacity and self-service features to respond fast.

Lumen Managed Firewall Service
Secure and defend your infrastructure by protecting the network perimeter from external threats.

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