Solution-

Smart People Counting: by CLUSTER.

Presenting analytics in the most consumable form delivering actionable insights.

Technology-

People Counting is essential for management to manage spaces efficiently.

And Unyde Systems introduced the Smart People Counter," Cluster" to enable real-time people counting and occupancy monitoring.

Cluster is a "Made in India" device leveraging AI to give headcounts with >90 percent accuracy.

Smart People Counter: Cluster

Cluster is:

Mounted on the ceiling, having the ability to have a broader view with different mods.

Power is one constant requirement for it to stay live.

Wi-Fi/ LAN enabled, requiring as minimum as 256 kbps bandwidth to send data to the cloud.

A cloud-based solution, the dashboard could be accessed from anywhere.

Cluster is the most hassle-free installation footfall counting device which needs near-zero human intervention after installation.

Device Specifications:

Camera Specifications	
Resolution	5 MP
Lens Focus	Fixed Focus
Image Size (Pixels)	2592×1944
Interface Type	CSI (Camera Serial Interface)
Sensors	Omni-vision 5647 fixed focus
Hardware Specifications	
Processor	Broadcom BCM2711, quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
RAM	4GB LPDDR4 SDRAM
Connectivity	2 × USB 2.0 Ports 2 × USB 3.0 Ports 2.4 GHz and 5.0 GHz IEEE 802.11b/g/n/ac wireless LAN, BLE Gigabit Ethernet Bluetooth 5.0
Operating Power	5V 3A DC Power Over Ethernet (PoE)–Enabled (requires separate PoE HAT)
GPIO	Standard 40-pin GPIO Header
Clock Speed	1.5 GHz
Micro-SD Card Slot	Yes (FAT32 format), support maximum 32G Micro SD Card Memory Features

Software Specification	
Interface	Https
Operating System	Footfall Counter OS
Ethernet	10/100 Mb Ethernet
Data Delivery	TCP/IP
Report Format	CSV