Commercial Real Estate:

| **Product code** | CZK-CRE |
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| **Hardware Platform** | Edge: Nvidia Jetson Series, Sophgo Micro Servers  Central: Nvidia H100, L40, RTX 4000 Series, RTX 5000 Series Ada, A16, A30, Sophon AI server |
| **Operating System** | Ubuntu, MS Windows |
| **Management Interface** | Web-Based Management Software |
| **Database** | PostgreSQL |
| **Development Approach** | Microservice, containerized |
| **Frontend** | React |
| **Backend** | Python |
| **3rd party Integration** | 3rd Party API Integration  Camera Support: RTSP, ONVIF |
| **Keywords** |  |

**Specific Video Analytics Applications:**

* **Visitor Management** – Tracks and authenticates visitors in commercial buildings.
* **Perimeter Security** – Protects assets and infrastructure from unauthorized access.
* **Access Control** – Manages entry using biometric and facial recognition systems.
* **Crowd Flow Analytics** – Optimizes space utilization.
* **Intrusion Detection** – Identifies unauthorized individuals in restricted zones.
* **Fire and Smoke Detection** – Alerts building security about potential fire hazards.

**Key Benefits:**

* **Enhanced Security** – Monitors building access and detects intrusions.
* **Visitor Management** – Automates entry for authorized personnel.
* **Fire & Safety Compliance** – Detects fire, smoke, and hazards in real time.
* **Building Efficiency** – Tracks crowd movement for better space management.