



TECHWIN

Avigilon Unity Video™

# FACE AS A TOKEN

**Revolutionizing Security with Seamless Integration:**  
Avigilon facial recognition and access control systems working together as one.

Explore the integration today — because **security shouldn't just protect; it should empower.**



ACCESS GRANTED



# Our Solution

Our solution is designed to be **intuitive, reliable and efficient** – built to complement the **existing systems** you trust.

With **Avigilon's** powerful **facial recognition** technology and **seamless access control integration**, you gain a modern approach to **security** that evolves with your organization's needs.

Experience the harmony of **cutting-edge technology** and **uncompromising security**.

Elevate your organization's **security standards** while enhancing **convenience** and **operational efficiency**.



## How it works

Our integration serves as a bridge between **Avigilon Unity Video 8** and your **access control system**:

### FACIAL RECOGNITION

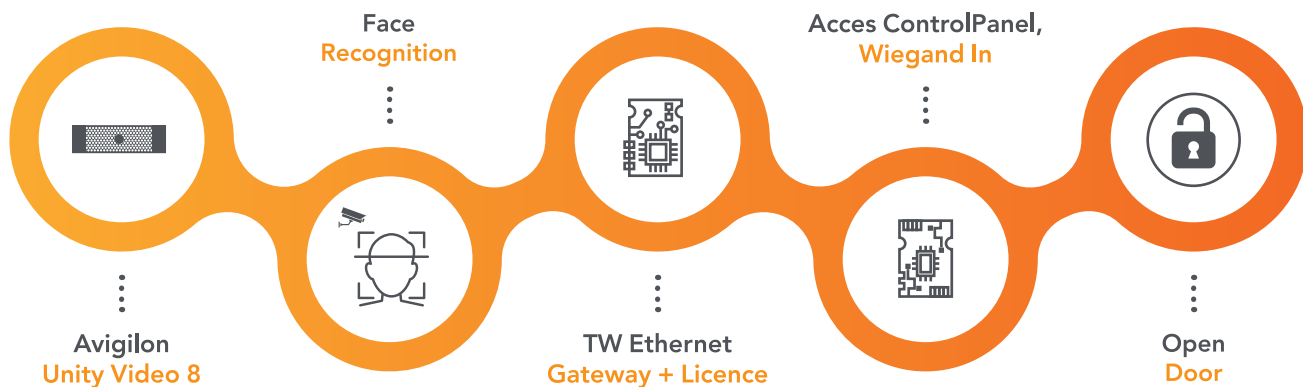
The **Avigilon Unity Video 8** system identifies a person's face using a **CCTV camera** strategically placed near a door.

### EVENT TRANSMISSION

The **Face as a Token** integration receives the **facial recognition event** from the **Avigilon system** and sends it **securely** to the **access control system** through our **Ethernet Gateway**.

### ACCESS VALIDATION

The **access control system** verifies the identity and grants **seamless entry**.





## Key features

---

### ENHANCED SECURITY

Eliminate unauthorized access by combining video surveillance and access control in a single streamlined process.

### HANDS-FREE ACCESS

Minimize touchpoints with facial recognition, offering seamless entry for authorized personnel without the need for physical credentials or pin codes.

### IMPROVED EFFICIENCY

Reduce wait times at secured entry points, speeding up access without compromising security.

### COST-EFFECTIVE

Reduce the need for physical credentials and dedicated security personnel.

### REAL ACCESS CONTROL

It will be the Access Control System to validate all access rules and to grant or deny access.

---



## Use cases

---

### CORPORATE OFFICES

Simplify employee access to workspaces while maintaining robust security.

### CRITICAL INFRASTRUCTURE

Protect sensitive areas with personalized access control that ensures only authorized individuals can enter.

### EDUCATIONAL INSTITUTIONS

Enhance campus security by allowing seamless access for staff and students, while restricting unauthorized entry.

### HEALTHCARE FACILITIES

Offer secure and efficient entry for medical staff, patients, and visitors, improving the overall experience. Ensure secure and contactless entry to sensitive areas such as labs and records rooms.

### RETAIL & HOSPITALITY

Prevent unauthorized access while enhancing customer experience in VIP zones.

---



## Technical specifications

---

### REQUIREMENTS

Can be installed on any Windows OS (even in Avigilon NVR or Appliances).

.NET Framework 4.6.2 or higher.

Face recognition active on the cameras where integration is required.

### COMPATIBLE WITH

Avigilon Unity Video 8 with WebEndpoint.

Any access control system with wiegand input interface and configurable card format.

---

## Ordering information

### TW-UNITY-VIDEO-FAT-1

Single door license for Face as a Token integration.

### TW-ETH-GATEWAY-3

Multipurpose IO module with wiegand output.



## GET IN TOUCH

---

 (+351) 214 792 068

 [WWW.TECHWIN.SYSTEMS](http://WWW.TECHWIN.SYSTEMS)

 [ORDER@TECHWIN.SYSTEMS](mailto:ORDER@TECHWIN.SYSTEMS)

 [SUPPORT@TECHWIN.SYSTEMS](mailto:SUPPORT@TECHWIN.SYSTEMS)

©2026 TechWin - Other names or logos mentioned herein may be the trademarks of their respective owners. The absence of the symbols <sup>TM</sup> and © in proximity to each trademark in this document or at all is not a disclaimer of ownership of the related trademark. Unless stated explicitly and in writing, no license is granted with respect to any copyright, industrial design, trademark, patent or other intellectual property rights of TechWin.