

CERTIS 

# CERTIS ROBOTICS

Elevating presence, perception and performance



# Designed for Today's Operations, Ready for What's Next

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Robots are no longer just tools. They are a visible expression of **intelligence, preparedness, and trust.**

Our robotics ecosystem integrates seamlessly into surveillance and live operations, **strengthening operational outcomes** while elevating how your organisation is experienced.



## One Ecosystem, Multiple Advantages

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Enhances operational awareness and surveillance coverage



Augments human teams with consistency and precision



Improves response times and decision-making



Reinforces a modern, forward-looking brand image



Scales easily across environments and use cases

# Ops-Tech Intelligence Ecosystem, Orchestrated by Mozart™

Certis' robotics and AI orchestration platform, autonomous robots, human teams and operational intelligence converge into a **single command layer** – powering real-time awareness and AI-driven decisions at scale. **Mozart™** unifies all these moving operational parts and front-line sentinels, enabling intelligent action at scale.



## COMMAND CENTRE

By integrating sensors, surveillance systems, AI-powered analytics, and skilled manpower, Certis ensures a single command perspective and precision response capabilities.



## SMART SENSORS AND DEVICES

Multiple surveillance cameras, smart sensors, and advanced security devices work in unison with manpower resources to provide continuous monitoring, detect anomalies, and ensure real-time incident response.



## AUTONOMOUS PATROL ROBOTS

Autonomous outdoor patrols across diverse terrains, scanning for threats and ensuring round-the-clock security.



## OUTDOOR SURVEILLANCE ROBOTS

Independent outdoor patrol to secure your premises through visual surveillance, threat detection and real-time alerts.



## CONCIERGE AND ENFORCEMENT ROBOT

Autonomous wheel-based robot is able to perform as concierge and wayfinding with an interactive interface, and simultaneously unmanned patrol on specified routes, both indoors and outdoors.



## HUMANOID CONCIERGE

Unmanned concierge services, independently assisting visitors with directions, information, and customer support to enhance the overall guest experience.



# A Strategic Advantage

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Designed to elevate Ops-Tech ecosystem, **robotics enhance more than operational outcomes.** Strengthen your organisation's image, reinforce trust, and signal a commitment to innovation and excellence.

Whether welcoming guests, patrolling perimeters, or supporting real-time decision-making, our robotics solutions are **designed to work with your teams – not replace them.**

# An Intelligent Welcome

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At the front line of your space, first impressions matter. Our humanoid concierge robots combine **natural interaction, situational awareness, and enterprise intelligence** to deliver a polished, reassuring presence — every hour of every day.



# HELLO, MAX

## SMARTER.



### Elevate your guests' arrival experience

Designed for commercial and indoor environments, **MAX** delivers seamless concierge and guest assistance while supporting advanced surveillance and situational awareness behind the scenes.

HUMAN-SCALE INTERACTION

ON-FOOT PRESENCE

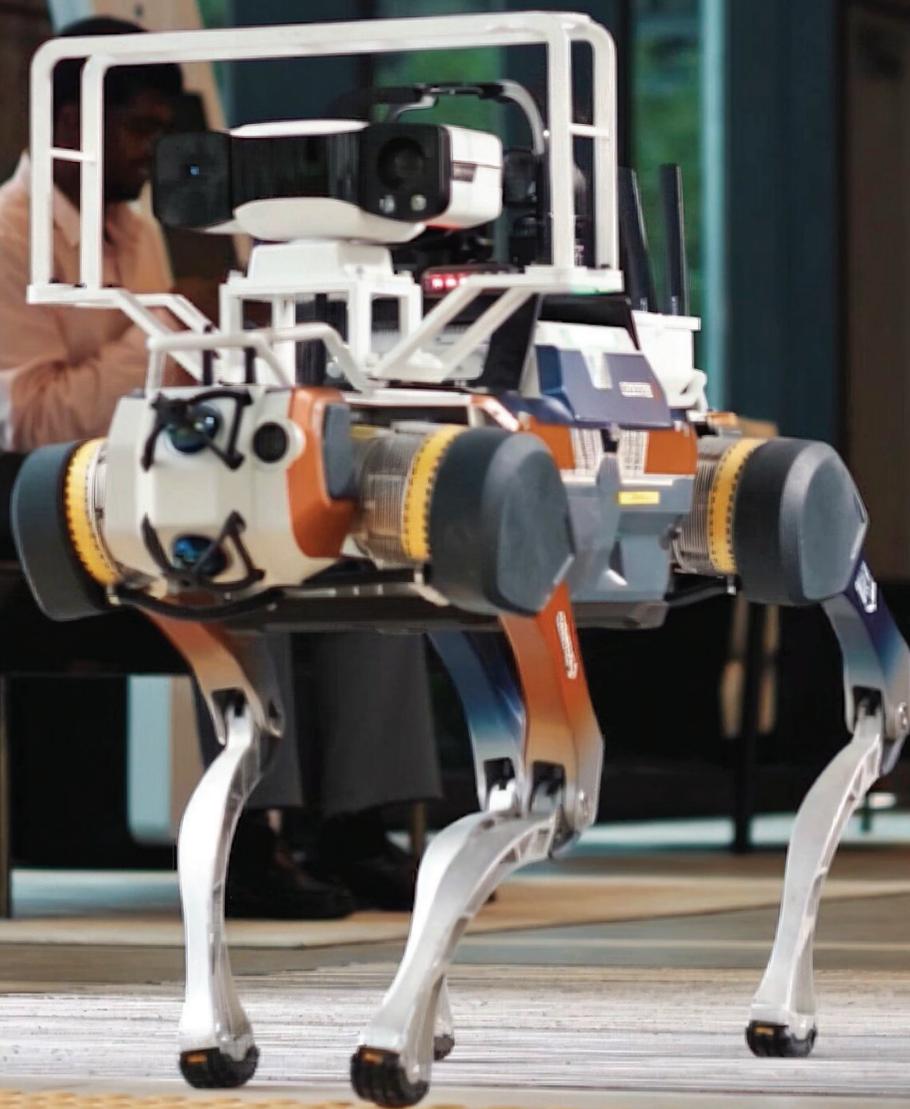


- Concierge services and guest assistance
- Wayfinding and public directory support
- Advanced LLM-powered intelligence for contextual understanding
- Custom enterprise knowledge base integration
- Natural language interaction
- Multi-lingual communication
- Gesture-based communication for intuitive, human-like engagement

# Agile Surveillance, Extended Reach

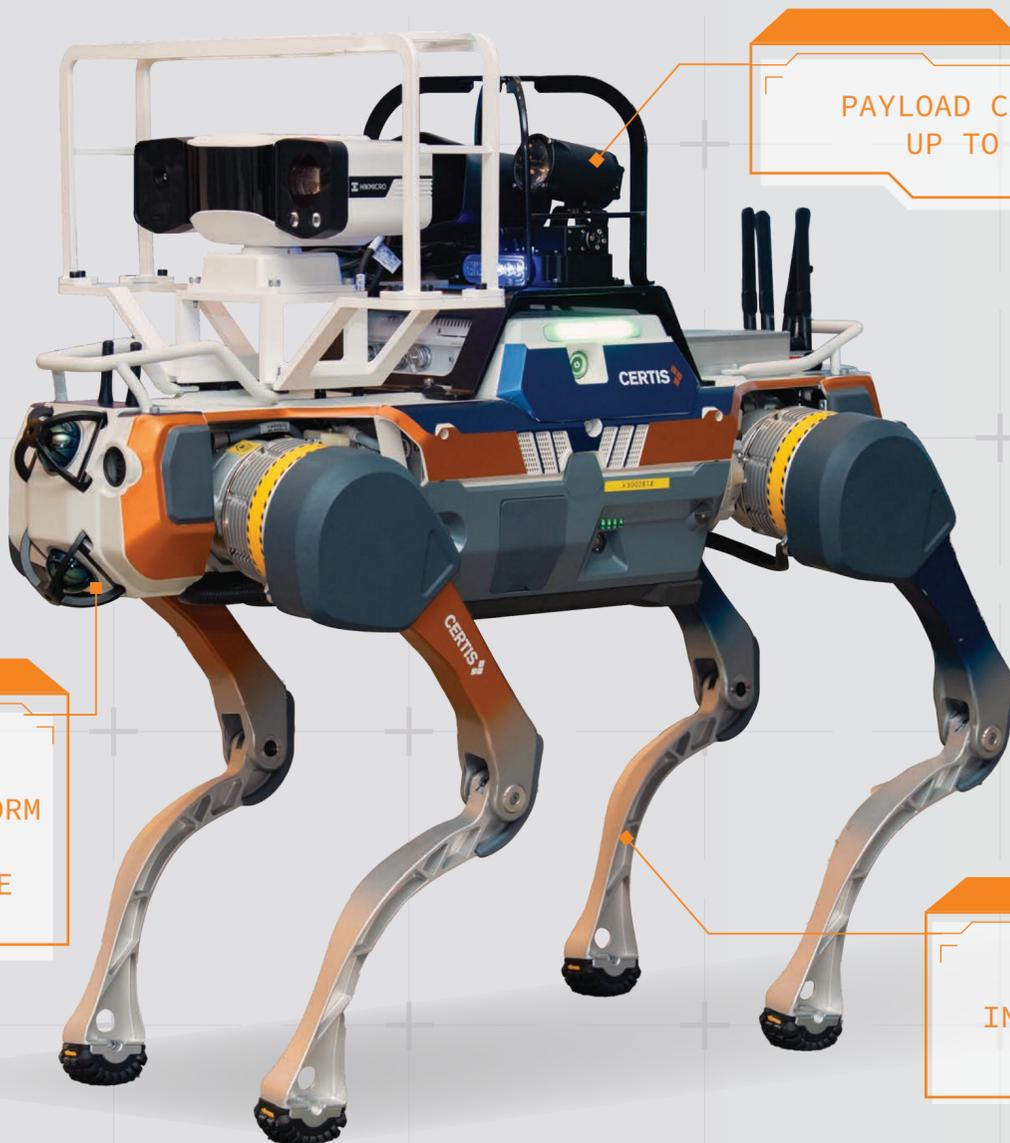
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Built for environments where traditional surveillance is limited, our quadruped robots extend visibility, mobility, and intelligence across both indoor and outdoor spaces — without fatigue or compromise.



# DESIGNED TO THINK. ACE I

**ACE I** is engineered for **continuous surveillance** across complex environments, integrating deeply with Certis' intelligence platforms to support **faster, smarter security operations**.



- Indoor and outdoor patrols for mixed-use and commercial sites
- Video investigation and image
- Multi-terrain agility, including stair climbing
- Unified with Certis Mozart™ for seamless operations
- Real-time incident detection and alerting
- IP67-rated for outdoor conditions



## PERFORMANCE HIGHLIGHTS

### Walking Speed



Up to

**1.2m/s**

### Stair Climb



Steps

**20cm**

Incline

**45°**

# SMARTER, SAFER.

# ACE II & III

Designed for greater endurance and advanced outdoor operations, **ACE II & ACE III** delivers **enhanced speed, intelligence, and terrain adaptability** for demanding surveillance environments.

## ACE II

- Higher operating speed (up to 2m/s)
- Improved stair and terrain navigation
- Smarter onboard computing with dual octa-core industrial processors
- Advanced surveillance sensors, including point cloud surround view
- Enhanced perception with LiDAR and wide-angle cameras
- Front and rear bidirectional lighting
- Radio Frequency (RF) image transmission
- Omnidirectional obstacle avoidance

ACE II

EXTENDED ENDURANCE

ACE III

LIGHTWEIGHT  
AND COMPACT

ACE II

ADVANCED OUTDOOR  
ON WHEELS

ACE III

AGILE AND  
RESPONSIVE MOTION

## ACE III

- Extremely high torque density, response bandwidth, and reversed transmission efficiency
- Greater maneuverability
- Enhance the real-time image transmission performance of the first-person view, and reduce latency

EXPERIENCE THE CERTIS DIFFERENCE  
WITH ROBOTICS TODAY



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