**ART OF LOGIC**

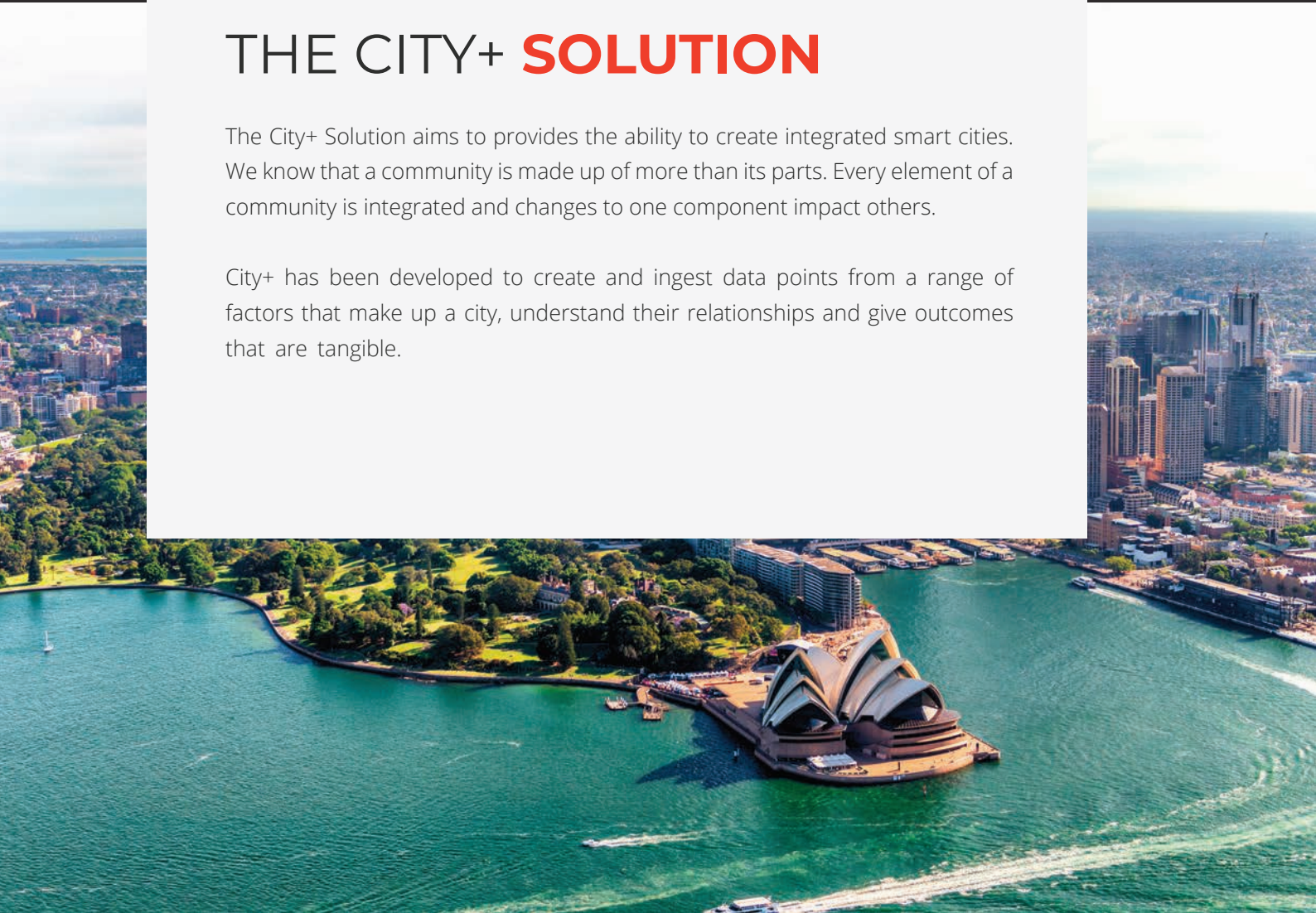*R&D Specialists in Computer Vision*

# THE CITY+ SOLUTION

HARDWARE & RTM | INNOVATION AT THE EDGE

# THE CITY+ **SOLUTION**

The City+ Solution aims to provides the ability to create integrated smart cities. We know that a community is made up of more than its parts. Every element of a community is integrated and changes to one component impact others.

City+ has been developed to create and ingest data points from a range of factors that make up a city, understand their relationships and give outcomes that are tangible.

# Computing at the edge enables

### GREATER PROCESSING POWER

Enjoy processing data quickly with computations performed on the local device. Eliminate the need to transfer data to a central server or cloud for processing. This means that data processing can occur in real-time and provide faster response times. In applications such as water safety, real-time processing is essential for notifications and accuracy.

### INCREASED DATA PRIVACY AND SECURITY

Improve your privacy and security with data processed locally. Our solution can operate without the need to send sensitive data to a central server or cloud. This can reduce the risk of data breaches and ensure that your data is kept secure and confidential.

### REDUCED BURDEN OF TRADITIONAL NETWORKING

Reduce the need for large amounts of data being transmitted over the internet, reducing the associated costs and minimising strain on your network bandwidth. This is particularly important in applications where visual data (i.e. images or video) are generated, such as our automated parking compliance solution.

### IMPROVED RELIABILITY

Ensure your hardware is stable and reliable, continuing to operate even when network connections are unavailable or unstable. Our solution ensures your business continuity is not impacted with network outages with events stored locally, and available when connections are re-established.

### ENHANCED USER EXPERIENCE

Prioritise your user experience by enabling devices to process data and respond in real-time. This can enhance the overall application performance and increase user satisfaction. Our City+ Solution responds quickly to environmental and user inputs, providing fast and reliable results.

### PRO-ACTIVE MONITORING OF YOUR ENTIRE NETWORK

Gain real time access to your network performance data through our cloud-based monitoring portal. With alert response times and performance statistics, you can stay in control of your network, and ensure you minimise down time.

# Elevate efficiency with advanced hardware



### Designed and manufactured for the toughest conditions

We co-develop micro-servers that are tough and rugged with manufacturers from the defence and aerospace industry. Our strong partnership with manufacturers such as Hailo and Maris Technology ensures we stay ahead of the curve so your solution is protected and reliable.

Our hardware boasts processing power that is unrivalled for its form factor, with heat and power generation carefully managed, we can deploy our technology using renewable energy sources, in any environment across the globe.



### Seamless computing with edge technology

Our hardware is small enough to fit inside the palm of your hand. It is also powerful enough to run multiple channels of video analytics on a single device. With our solution, you don't need to worry about computational horsepower, software compatibility, heat generation or exposure to elements. Our hardware is built to be in your environment, with minimal maintenance required.

# Ensure your network is reliable and protected



### Stay ahead of issues with dynamic monitoring

Monitor in real-time your CCTV network. Understand the status of each site, server, and camera, in a simple and streamlined browser-based portal. Stay on top of camera health and understand performance by having it at your fingertips.

Proactively managing your CCTV network can save you not only the risk of downtime and risks to your security network, but also thousands in maintenance budgets. Understanding and actioning issues, before they become critical failures will ensure your network is robust and scalable.



### Enjoy operational efficiency

Regardless of day or time, know your camera network is protected through real-time alerts when your network goes down. With no human intervention required, our RTM solution is capable of ensuring your maintenance is actioned through direct communication to relevant officers or contractors.

# Understand your community like never before



## *Invest in the right places, knowing you are basing decisions on data*

Applying our artificial intelligence and machine learning tools, we can deliver predictive analysis to better understand potential or future hotspots. Embedded in native applications to Councils such as PowerBI, our data experts can create views to assist decisions on place planning and design, lighting, and amenity to create safer more liveable cities.



## *Optimise your place making and design*

Understand your how your community interacts public spaces like never before. Using business intelligence reporting, you can access and see your data easier than ever, unlocking utilisation, safety, environmental and other insights, tracking their performance and predicting future outcomes.

# Our people

From design to implementation, we will work with you to plan, design, and deliver your City+ solution.

Embedding ourselves to deeply understand the needs of your business, we will partner with you to facilitate workshops, develop documentation, and deliver your project.

Our dedicated team of professionals brings a wealth of knowledge from both government and private sectors to ensure your solution is fit for purpose, delivers tangible results, and is used to create change and enhance innovation.

## Support & Maintenance

We take a collaborative approach to our support and maintenance practice, ensuring you are continually at the forefront of what we are developing. Our support team will work closely with you to maximise your solutions capability.
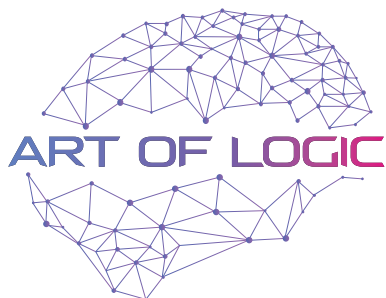
## Training & Resources

We continue to develop easy to deploy, easy to digest training material and user interfaces. You will have access to our library of guides and community of users to discuss, brainstorm and consider new enhancements.

# Ready to learn more?

Our team is here to help. Contact us for more information, product demos and advice.

www.artoflogic.ai

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## The City+ Solution

Creating Integrated Smart Cities

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! Let us tell you more about the amazing things we do.

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