

Urbana Niagara-as-a-Service (UNaaS)

Unlock the Power of Seamless Cloud Integration for your Business.

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What is Urbana Niagara-as-a-Service (UNaaS)?

Urbana Niagara-as-a-Service (UNaaS) is a powerful solution that allows for the seamless management of sites and information in the cloud. Urbana's cloud service automates this process, reducing setup costs, enabling scalability, and accommodating more customers efficiently. With Urbana, all Niagara functionalities are available in the cloud, offering a scalable and flexible solution.

Why UNaaS?



Reduce CapEx Cost

Transitioning to a predictable, subscription-based model will reduce capital expenditure and make operating expenses more predictable.



Integration Flexibility

Seamlessly integrate with your existing systems, leveraging IoT and LoRaWAN technologies to ensure smooth operation and enhanced efficiency.



Always Online

By using UNaaS, Urbana ensures that the OS and framework remain up to date, by leveraging containerised instances.



Secure by Design

Our robust cloud infrastructure guarantees the highest level of data security, protecting your valuable information with a focus on Confidentiality, Integrity and Availability.



One-Click Deployment

Experience a quick and automated setup process that gets you up and running in no time.

Key Features



Real-Time Monitoring & Efficiency

Continuous data collection for proactive management. Automation reduces manual workload and improves response times.



Integration & Scalability

Combine OT and IoT for comprehensive management. Easily scale resources as needed.



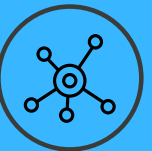
Quick & Automated Setup

Easy deployment, up and running in one-click.



Managed Cloud Resources

Urbana handles the deployment, monitoring, and maintenance of cloud resources, allowing you to focus on your core business.



Versatile Accessibility

Access your onsite data from any location and utilize connectivity to manage onsite resources at any time and place.



Synergy with Urbana IoT

Extend your solution by leveraging the Urbana IoT technology with real-time analytics engine and custom dashboards, or feed IoT data into Niagara.

Service Packages*

Essential

0-5000 points

Ideal for small buildings or facilities with basic monitoring needs. Provides essential features for real-time data collection and basic automation.

Growth

5000-10000 points

Suitable for medium-sized buildings or facilities looking to expand their monitoring capabilities. Offers enhanced efficiency and scalability.

Professional

10000-25000 points

Designed for larger buildings or facilities with more complex systems. Includes advanced features for comprehensive building management and seamless integration.

Enterprise

25000-50000 points

Perfect for large-scale facilities or multi-site installations. Provides extensive monitoring and control capabilities, ensuring high operational efficiency.

Ultimate

50000-100000 points

Best for very large or high-end facilities requiring top-tier management solutions. Offers the highest level of scalability, integration, and automation for optimal performance.

*One-off purchase of the Urbana Cloud Box (UCB) and continuous subscription to the Urbana IoT platform required.

How UNaaS Transforms Cloud Management

Challenge

Managing sites and information in the cloud can be complex and costly, often requiring significant capital expenditure and extensive manual setup. Integrating various systems and ensuring continuous updates and security can be daunting tasks for many organizations.

Solution

UNaaS addresses these challenges by automating cloud management processes, reducing setup costs, and enabling seamless scalability. With a subscription-based model, it makes operating expenses more predictable. UNaaS also ensures smooth integration with existing systems using IoT and LoRaWAN technologies, keeps the OS and framework up to date with containerized instances, and guarantees robust data security, providing a comprehensive and efficient cloud management solution.

Results



- **Enhanced Monitoring:** Improved ability to detect and respond to issues promptly.
- **Operational Efficiency:** Reduced workload on facility staff by 25%.
- **Improved Outcomes:** 15% reduction in operational disruptions and a 20% increase in occupant satisfaction scores.
- **Data-Driven Decisions:** 10% improvement in overall building performance metrics.
- **Cost Savings:** Automation and efficient management can save up to 30% on operational costs.

How it Works

Step 1: Connect Sites

Install Urbana Cloud Box (UCB) on each site to manage a secure connection with the cloud.

Step 2: Deploy UNaaS

Configure your parameters and activate it in one-click.

Step 3: App Development

Using your workbench to prepare the Niagara station within UNaaS.

Step 4: Access & Analyze

Relevant personnel will have access and be able to analyze data in real-time.

Step 5: Deliver Data Driven Services

Enhance your service offerings by making data-driven decisions.



Use Cases at a Glance



Industrial Production Plant

Remote monitoring and control of production machinery, simplified data transfer from Urbana cloud to customers' ERP systems, enhanced data analytics workflows with centralized machinery data.



Multi-Site Installation

Remote monitoring of HVAC systems across multiple sites, elimination of on-premise hardware as per customer preference, remote programming setup for system integrators.



Office Building

Cloud BMS integrated with Urbana's IoT solution for indoor and outdoor air quality data, people counting, and anti-legionella systems. Comprehensive building management with real-time data insights.

Get in touch

Interested in learning how we can revolutionize your building management? Our team is ready to help you embark on a journey towards advanced management solutions.

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