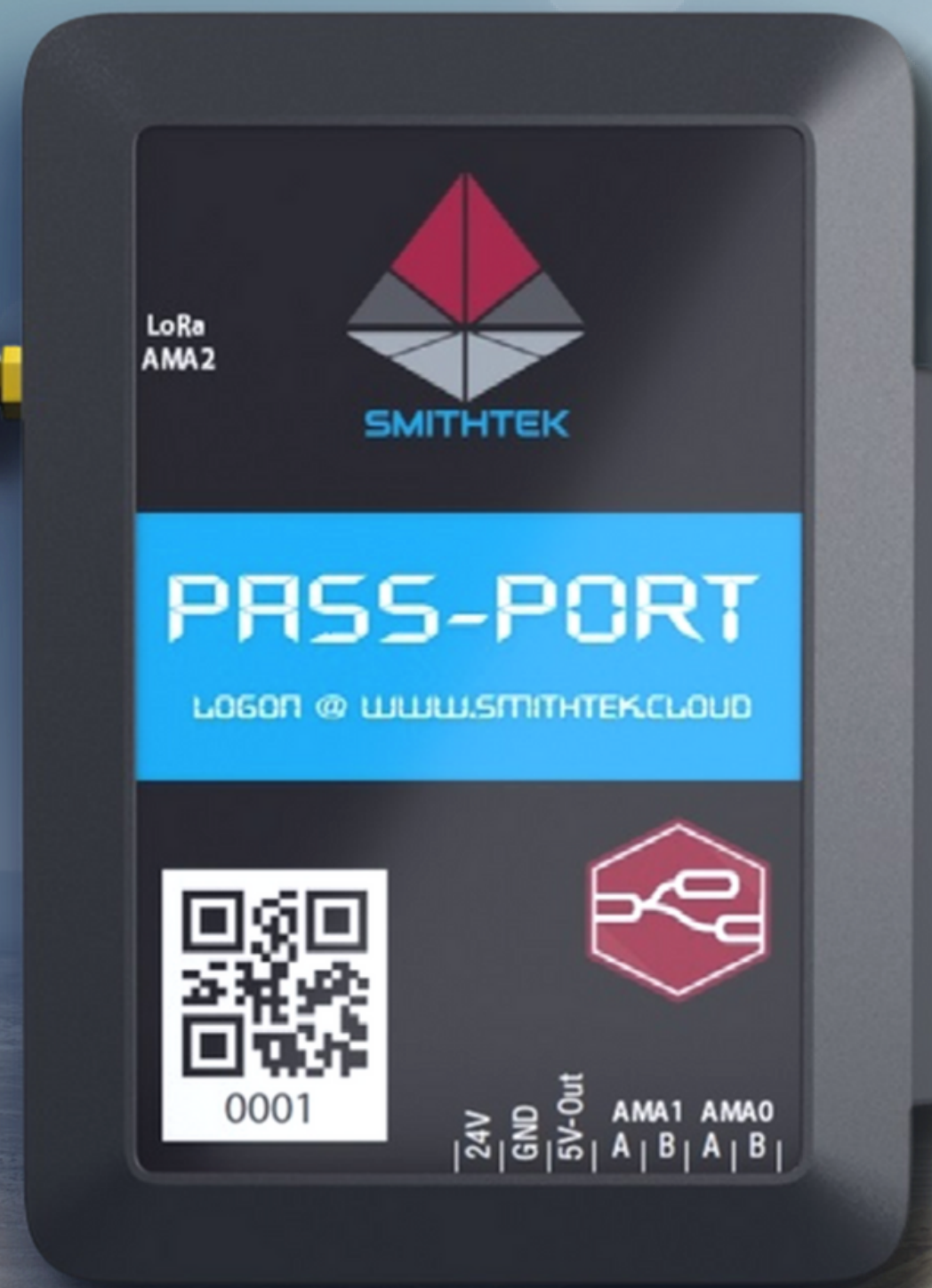


Products Capability Brochure



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Smithtek Ecosystem

A complete Integrated Telemetry System

Smithtek's suite of products operates within a harmonious 3-point topology, seamlessly interconnecting the cloud, edge gateway, and edge devices. Together, they offer an all-encompassing telemetry system embedded with independent automation logic.

1. **Mako PLC - The Edge Device:**

- **Role:** Serves as the nerve-end, interfacing directly with physical sensors.
- **Operation:** Capable of independent functioning or as a node within a mesh network.
- **Flexibility:** Designed for dual operation - it can act as both a master and a slave device simultaneously, making it adaptable to varied network requirements.

2. **PassPort Gateway - The Edge Gateway:**

- **Communication:** Bridges the gap between the Mako PLCs using its LoRa modem, ensuring effective and consistent communication between edge devices.
- **Interface:** Equipped with rs485, allowing it to interface with a plethora of devices.
- **Versatility:** Can be configured as a slave device, a master, or a combination of both, catering to a diverse range of network setups.

3. **Smithtek.cloud - Central Control & Communication:**

- **Connectivity:** Establishes direct communication with both the PassPort and the Mako, either over LAN or 4G.
- **Centralization:** Provides an overarching view and control of the entire system from a single, accessible point, ensuring effective remote monitoring and control telemetry. Not only does it retain sensor data for years, but it also offers custom visualization tools, empowering users to view their assets' performance at any given time.

Together, these three pillars of Smithtek create a resilient and adaptable ecosystem, ensuring that industries have a reliable, future-proof, and comprehensive solution for their telemetry and automation needs.



Smithtek Topology

Our devices excel as standalone units, yet they seamlessly integrate to craft robust communication networks tailored to your application.



Products Application Use

Our products have been designed to cater for the following industries and applications

- **Mining:** Wireless solutions for various mining needs
- **Utilities:** Enhance power, water, and gas distribution.
- **Agriculture & Irrigation:** Tools for modern for crop management, soil analysis, and water distribution.
- **Water Management:** Optimized for bore pumping, water pumping, and sewage pumping, medium transfer
- **Asset Management:** Track & remote control portable skid assets and generator sets.
- **Telemetry & Automation:** Advanced telemetry systems for remote control, and automated operations.
- **Security:** Robust tools for safeguarding assets.
- **Public Services:** Solutions offering for government parks and public spaces.
- **Environmental:** Tools for monitoring and maintaining natural resources and habitats.
- **Marine:** Solutions tailored for both onshore and offshore marine activities.
- **Building Systems:** Comprehensive tools for BMS, home automation, both in industrial and domestic settings.
 - **Metering:** Metering solutions including flow meters and energy meters for commercial, industrial, and domestic applications.

With a strong focus on innovation and reliability, **Smithtek** ensures each product aligns with the demands and specific requirements of these diverse sectors.



Mako V2 PLC

Overview



Smithtek's Mako V2 PLC is designed to provide the ultimate solution for telemetry, automation, and control monitoring. With a focus on reliability, simplicity, and future-proofing, this cutting-edge device combines the power of an IoT device and a ultra-fast PLC.

With its compact size, embedded LoRa RF, Wi-Fi, GPS, and direct IoT connectivity, the **Mako V2** is an ideal choice for remote applications, especially large sites. Its LoRa radio capability allows for seamless communication over the air, enabling remote control and monitoring of your equipment. The device's direct IoT connectivity further enhances its usefulness, allowing you to easily connect it to the internet for remote control and monitoring.

The Mako's V-NET configuration software is user-friendly, with a drag-and-drop flow-based design that accommodates users of all technical levels. Its modern communication protocols, IoT connectors, and traditional PLC tools provide a seamless and powerful experience, unlocking endless creative possibilities. In conclusion, the **Mako V2** represents a revolution in control, breaking down traditional barriers and paving the way for a more connected and efficient future.



Mako V2 PLC

Special Features



- 240MHz, dual-core Xtensa® 32-bit LX6 MCU.
- Multi communication ability, LoRa, WIFI, RS485, at the same time.
- High precision 16bit 20mA analog inputs.
- Low Power mode.
- LoRa RF, 300 to 1000Mhz range.
- 15KM LOS RF communications over LoRa.
- **Single, Mesh, Master, Slave** capable
- Micro SD storage for data logging.
- GNS (GPS, GLONASS, Galileo) .
- 8 * Digital inputs all assignable to pulse inputs 1 to 1Khz.
- 8 digital outputs NPN transistor type
- 2 * 0-5V inputs, assignable to digital inputs
- 3A Relay version available **5 outputs**
- WiFi- IEEE 802.11, WPA2- AES.
- Modbus RTU/TCP, 2 channels can act as slave or master independently.
- Internal power supply sensing assignable on the V-NET software
- HTTP and HTTPS SSL security.
- MQTT. 3.1 secure
- Advanced data type tools, Json, binary, packets, ASCII, base 64.
- V-NET programmer IDE. Dedicated software to program the Mako. Simple, packed with tools to assist simplify programming functions.
- Super small size, tough robust with hardened 35mm din-rail connectors.



Mako V2 PLC

Technical Spec



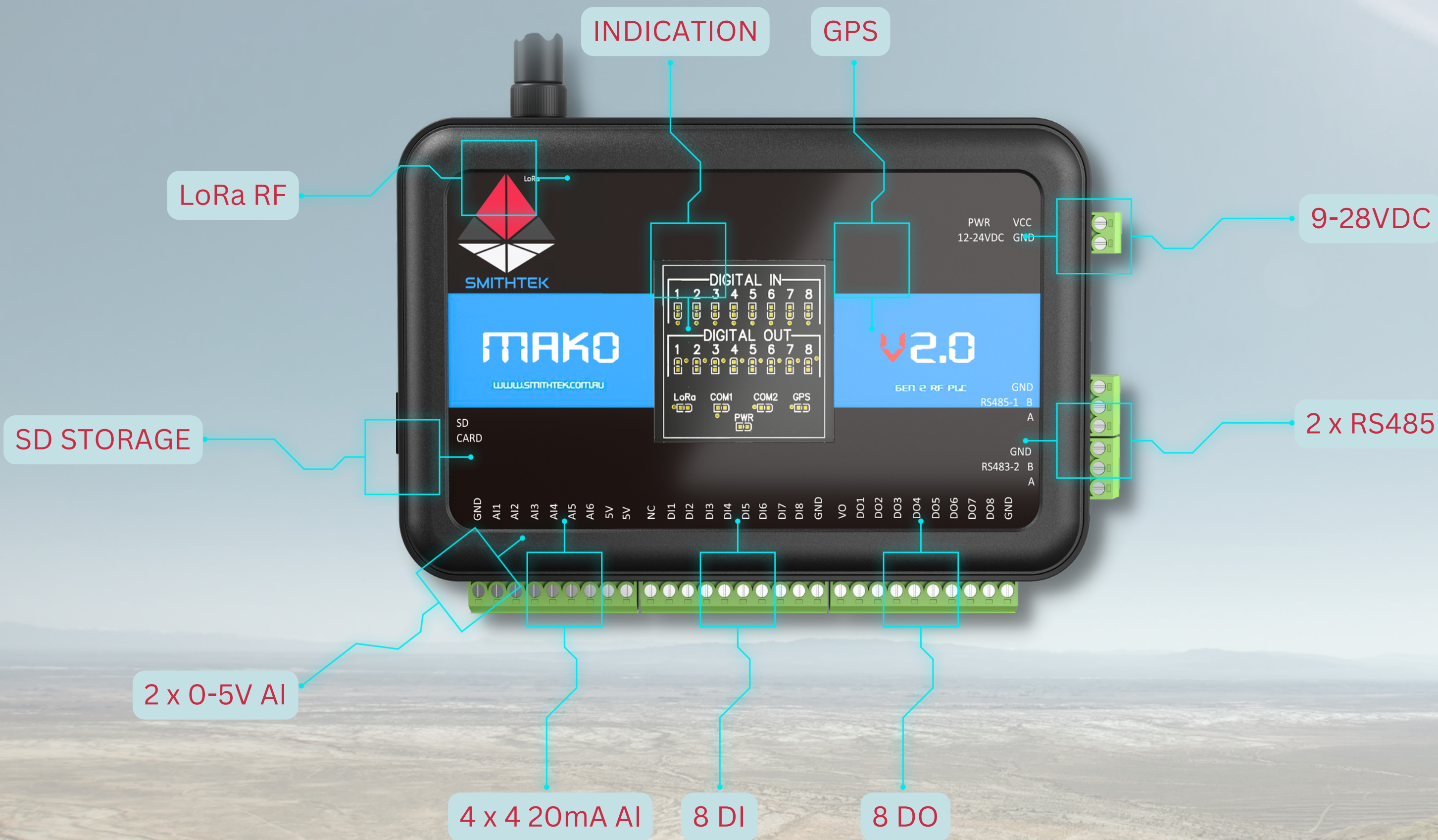
Device Specs	Voltage Supply	9-28VDC
	Power Max	2.16 Watts
	Load Idle	90mA
	Load Each Relay	23mA(Relay Version)
	Operating Temperatures	40 to +85C
	Operating Humidity	0 – 95% RH (NC)
	Dimensions	160/98/34 mm
	Dimensions with Terminals Connected	178/117.5/39.5 mm
	Enclosure Material	ABS (ROHS)
	Programming Communication Method	USB Type A
	Terminals	2.54mm socket connectors WIRE SIZE 2.5MM
	Mounting Option 1	Spring load (35mm Din-rail clips)
	Mounting Option 2	Desktop
LoRa Radio	RF Type	LoRa Modulation
	RF BW	62.5-500kHz
	RF Frequency	169-915MHz
	TX Power	0-20dBm max 100mW
	Encryption	128bit AES
	Antenna Type	SMA Female
	TX Load	18.75mA at 24VDC 0.45W
	RX Load	4mA at 24VDC 0.095W
	Wifi	Radio RF
Security		WPA, WPA2, WPA3 , AES
Standards		802.11 b/g/n
TX Power		0 - 20.5dBm
TX Load		54mA ave at 24VDC
Rx Load		18.75mA ave at 24VDC
IO	Digital Input	PNP open collector >10.5VDC True <6VDC False
	Digital Input	Pulse input 0.1hz to 1kHz. Program debounce 0 to >99999mS
	Digital output Relay	3A max 150VDC
	Digital output Transistor	Transistor NPN Max 300mA per output
	4 20mA Analog Input	Single ended 16bit ADC
	0-5VDC Analog Input	Single ended 12bit ADC
	RS485-1	TVS protected with built in 120Ω Terminator
RS485-2	TVS protected with built in 120Ω Terminator	

GNS	Update frequency	1Hz
	Tracking channels	32
	Positioning Precision	2.5M
	Cold start	32 seconds first fix
	Hot start	< 3 seconds from power-up
	System Features	Reads up to six satellite navigation systems and implements joint positioning, navigation.
	Navigation Satellite Systems	BeiDou ,GPS,GLONASS,Galileo
	Latitude	(DD) decimal degrees -7 decimal places
	Logtitude	(DD) decimal degrees -7 decimal places
	Course	0-360 degrees
	Speed	Feet per second
	RX load	4.8mA at 24VDC , 0.115W
	Compliances	CE
CE		RED
RCM		AS/NZS 4417.1, 44171.2
RCM		AS/NZS 3820
RCM		AS/NZS 4268
FCC		Part 15.249
FCC	Part 15.247	



Mako V2 PLC

IO

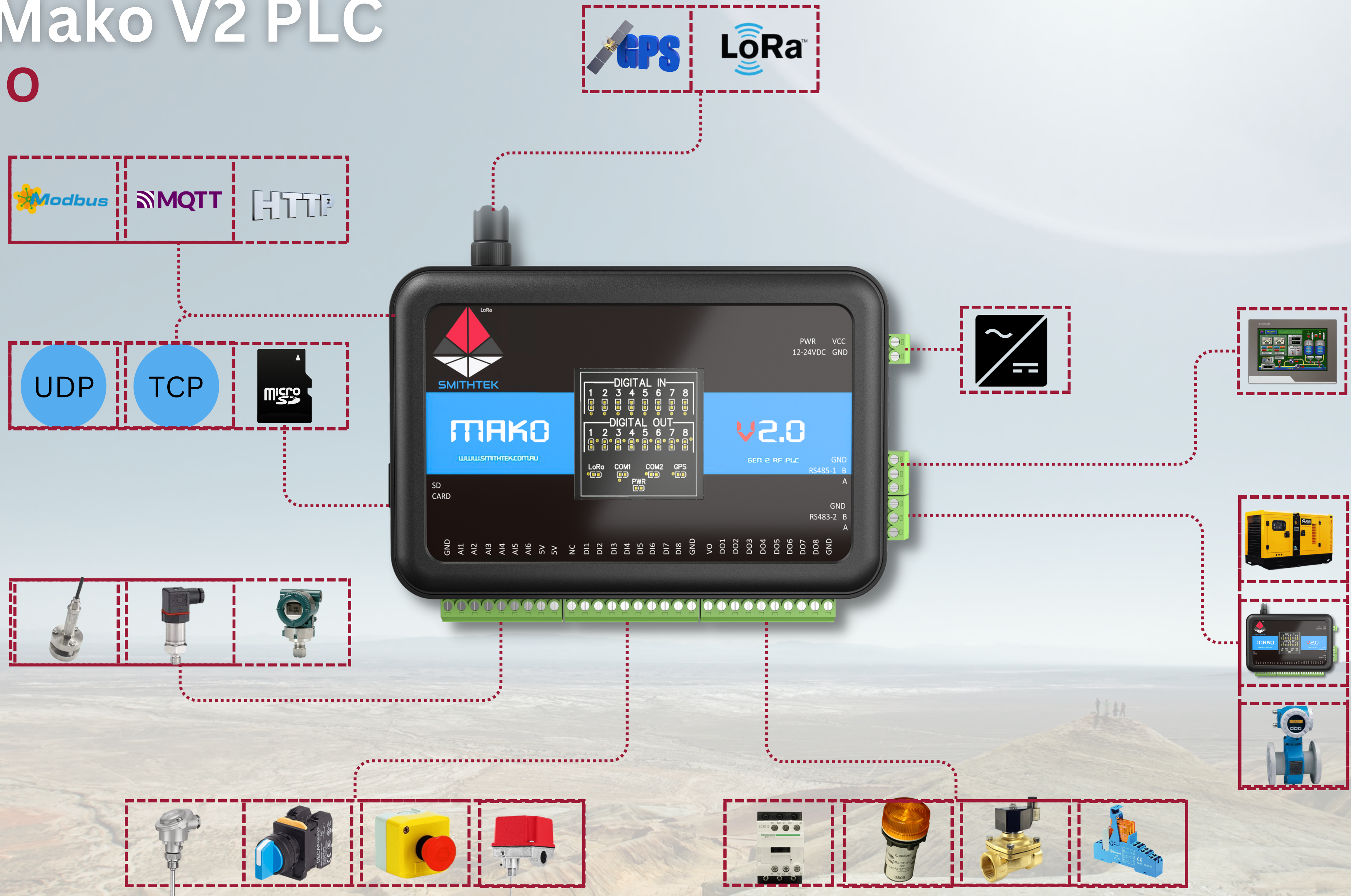


- 10.5-28VDC supply
- 4 * 4-20mA Analog inputs
- 2 * 0-5VDC Analog inputs
- 8 Digital inputs / Pulse inputs 1khz
- 8 * Digital outputs, Transistor NPN
- 5 * 3A relay **MV2-R Version Only**
- 2 * RS485 serial Ports
- 1 * Micro SD (Data Storage)
- 1 * GNS- GPS/GLONASS/GALILEO
- 1 * LoRa SX 1278 private LoRa Coms
- LED Coms indication
- Internal battery supply sensor



Mako V2 PLC

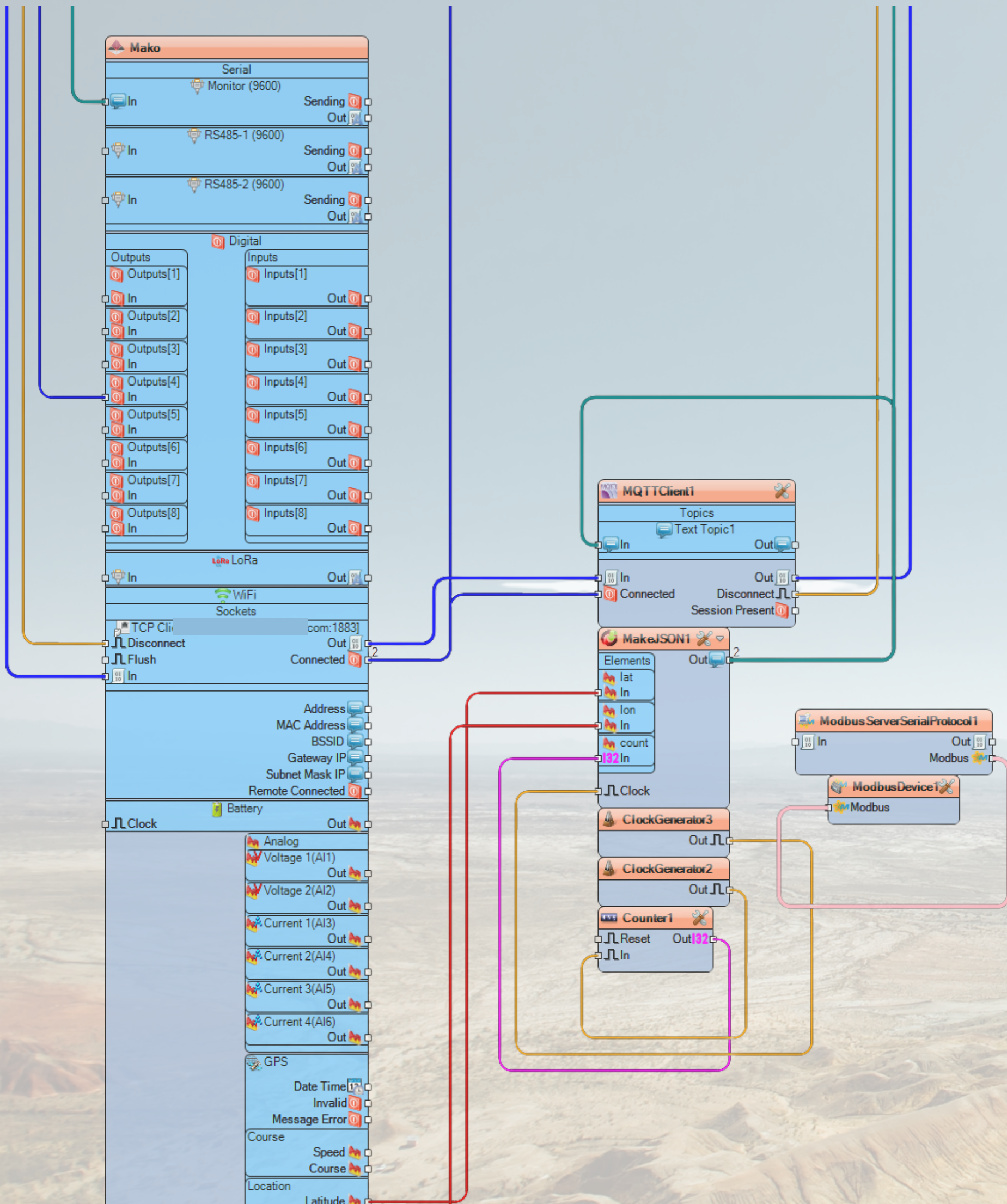
IO



Mako V2 PLC

Programming Software

V-NET



The Mako PLC is an exceptional device that demands exceptional software to complement its capabilities. Fortunately, **V-NET** is a powerful and user-friendly visual programming Integrated Development Environment (IDE) that simplifies Programmable Logic Controller (PLC) programming through an intuitive drag-and-drop interface.

One of the standout features of **V-NET** is its extensive library of pre-made components that combine logical functions, allowing users to reduce their workload significantly. Additionally, the software can handle multiple Input/Output (IO), data sources, and communication protocols simultaneously, which can lower hardware needs and labor costs.

Another significant benefit of **V-NET** is that the user interface on the programmer accurately reflects the physical I/O on the Mako device. This feature allows users to interact with each port as if it were a genuine digital/analog input, streamlining the programming process.

The tool library contains over 100 components, ranging from traditional PLC tools like gates, delays, timers, and counters to advanced components like PID control, hysteresis, filtering, MQTT, HTTP, Modbus RTU/TCP, ASCII, JSON, synchronization tools, and date and time tools. With such a vast array of tools, **V-NET** can handle a wide range of automation tasks, making it a versatile and powerful tool for any industrial automation project.



PassPort IGW

Overview



The Pass-Port is an industrial IIoT gateway designed for both local and remote communication with Makos and other devices, spanning distances of up to 15 km using its LoRa (Long Range) antenna.

Though it's adept at off-grid operations, the Pass-Port can also connect to the internet via 3G/4G-LTE, WiFi, or Ethernet. At its core lies IBM's NodeRED, a visual programming tool crafted for integrating various hardware devices.

As a gateway, the Pass-Port effortlessly links multiple devices and can communicate with thousands of sensors, positioning itself as a premier telemetry management platform. With advanced security encryption techniques, it ensures your sensor data remains safeguarded.



PassPort IGW

Special Features



- **Efficiency & Design:**
 - Rapid Deployment: Set up swiftly and effectively.
 - Space-Saving Design: Optimized footprint for minimal space occupation.
- **Software & Compatibility:**
 - IBM's Node-Red: Pre-installed for seamless device integration.
 - Versatile Connectivity: Features 2 x RS485, making it compatible with thousands of industrial devices.
 - Pre-loaded Nodes: Ensures a quick start to get your application operational.
- **Communication & Range:**
 - Long-Range LoRa Antenna: Superior connection with multiple Makos over distances up to 15 km.
- **Data Management:**
 - Flexible Visualization: Real-time data display on Smithtek.cloud, or opt for your preferred cloud service.
 - Ample Storage: 8 GB of data storage capacity.
 - Store & Forward: Sensor data is stored locally and transmitted when the network becomes available.
- **Independence & Connectivity:**
 - Standalone Capability: No mandatory internet connection required for operation and device control.
 - Internet Ready: Options for Ethernet and WiFi connectivity.



PassPort IGW

Technical Spec

Device Specs	Voltage Supply	9-28VDC
	Power Max	3.6 Watts
	Load Idle	300mA at 12VDC, 150mA at 24VDC
	Operating Temperatures	40 to +85C
	Operating Humidity	0 – 95% RH (NC)
	Dimensions	160/98/34 mm
	Dimensions with Terminals Connected	178/117.5/39.5 mm
	Enclosure Material	ABS (ROHS)
	Programming Communication Method	USB Type A
	Terminals	2.54mm socket connectors WIRE SIZE 2.5MM
	Mounting Option 1	Spring load (35mm Din-rail clips)
	Mounting Option 2	Desktop
LoRa Radio	RF Type	LoRa Modulation
	RF BW	62.5-500kHz
	RF Frequency	169-915MHz
	TX Power	0-20dBm max 100mW
	Encryption	128bit AES
	Antenna Type	SMA Female
	TX Load	18.75mA at 24VDC 0.45W
	RX Load	4mA at 24VDC 0.095W
Wifi	Radio RF	2.4GHz
	Security	WPA, WPA2, WPA3 , AES
	Standards	802.11 b/g/n
	TX Power	9.5 -28.2 mW (9.8 - 14.5 dBm)
IO	RS485-1	TVS protected with built in 120Ω Terminator
	RS485-2	TVS protected with built in 120Ω Terminator
LAN	Ethernet	Gigabit Ethernet

USB to UART GNS	Update frequency	1Hz
	Tracking channels	32
	Positioning Precision	2.5M
	Cold start	32 seconds first fix
	Hot start	< 3 seconds from power-up
	Navigation Satellite Systems	BeiDou ,GPS,GLONASS,Galileo
	Lattitude	(DD) decimal degrees -7 decimal places
	Logtitude	(DD) decimal degrees -7 decimal places
	Time Epoch	Time since 1970 in seconds
	Time UTC	ISO 8601
	Course	0-360 degrees
	Speed	Feet per second
RX load	5.4mA at 24VDC , 0.129W	
Compliances	RCM	AS/NZS 4417.1, 4417.2
	RCM	AS/NZS 3820
	RCM	AS/NZS 4268



PassPort IGW

IO

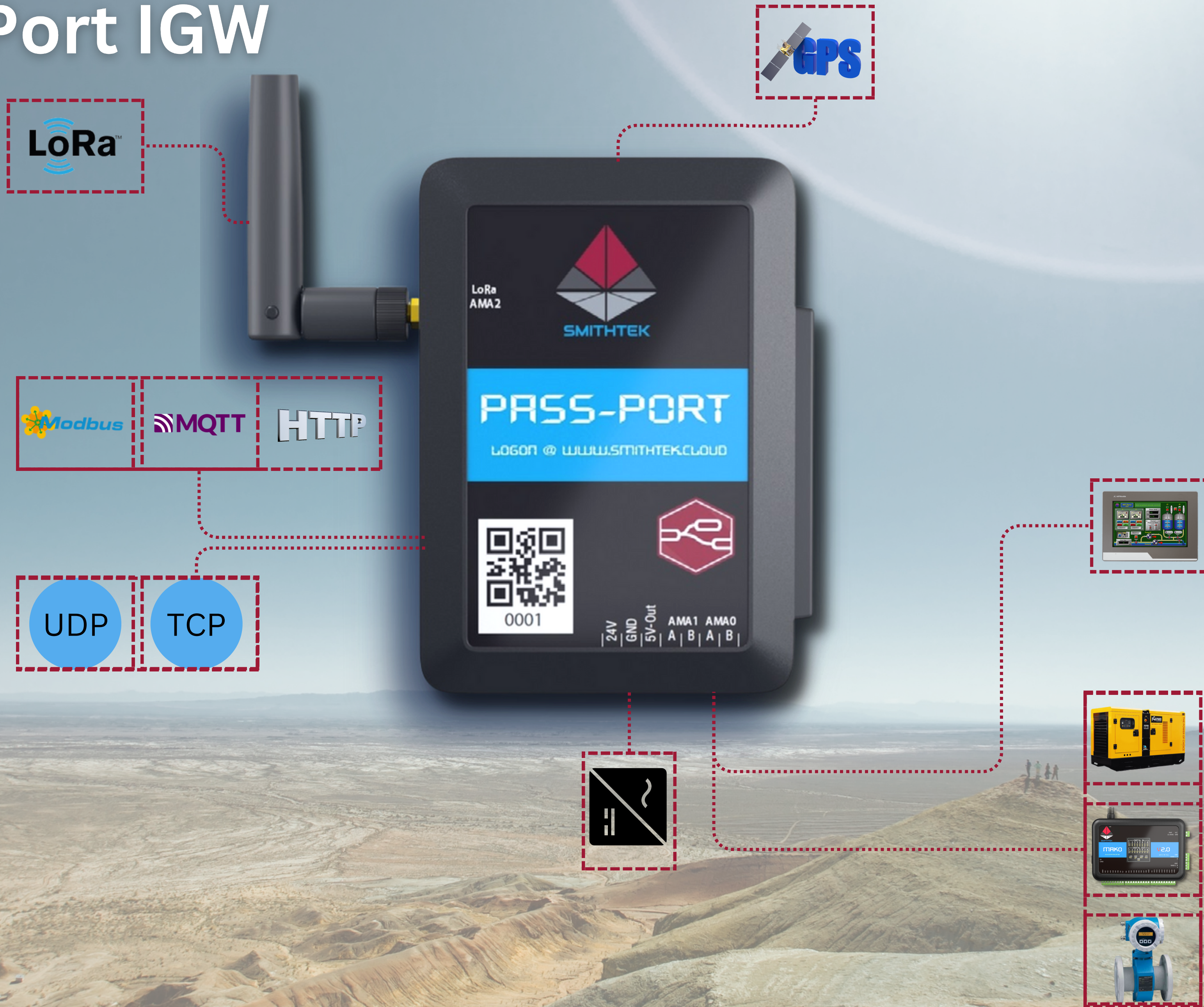


- 10-28VDC supply
- 2 * USB2-A
- 2 * USB3-A
- 2 * RS485 Serial Ports
- 5VDC Output
- Ethernet (RJ45)
- 1 * LoRa SX 1278 private LoRa Coms



PassPort IGW

IO



PassPort IGW

Programming Software

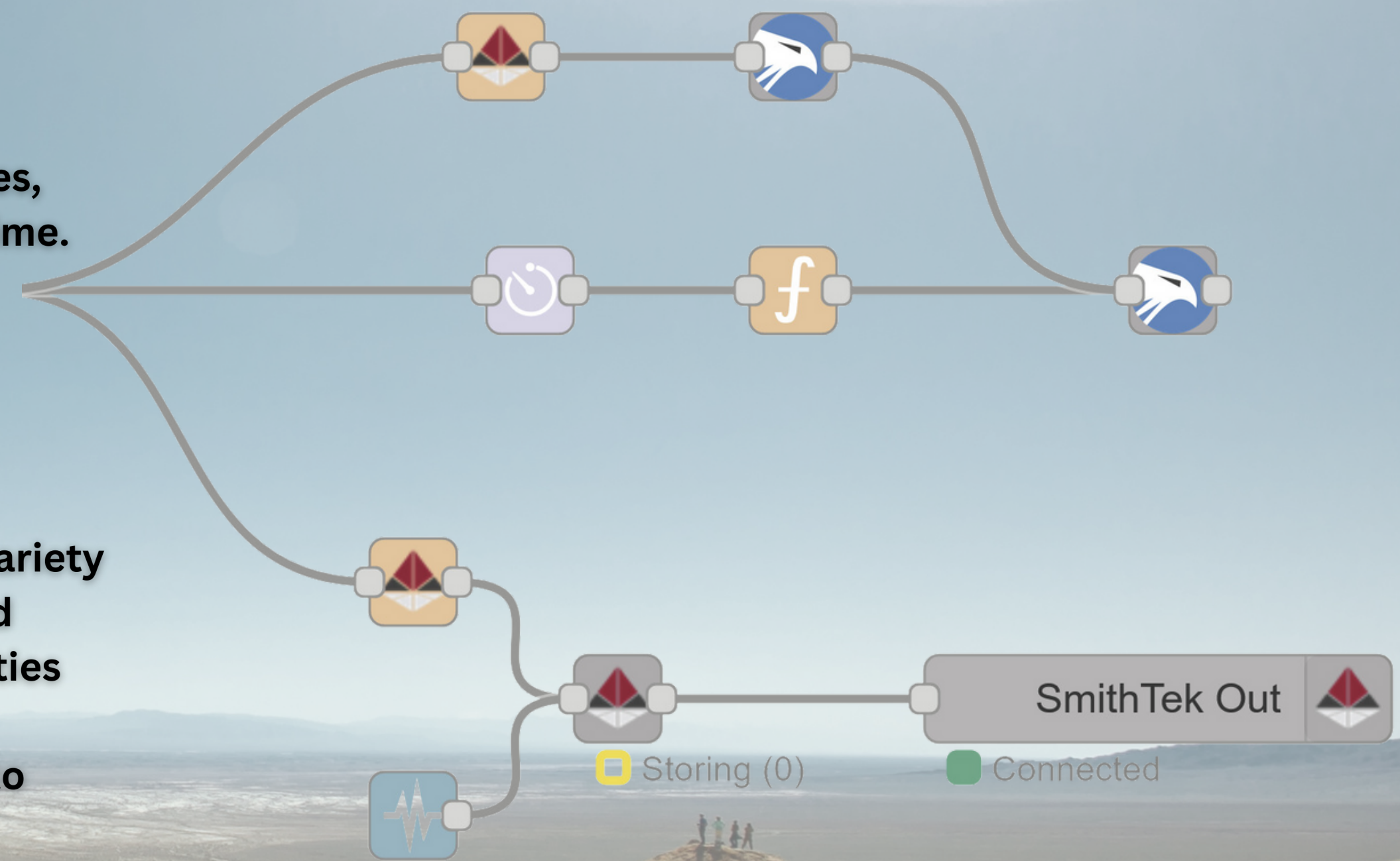
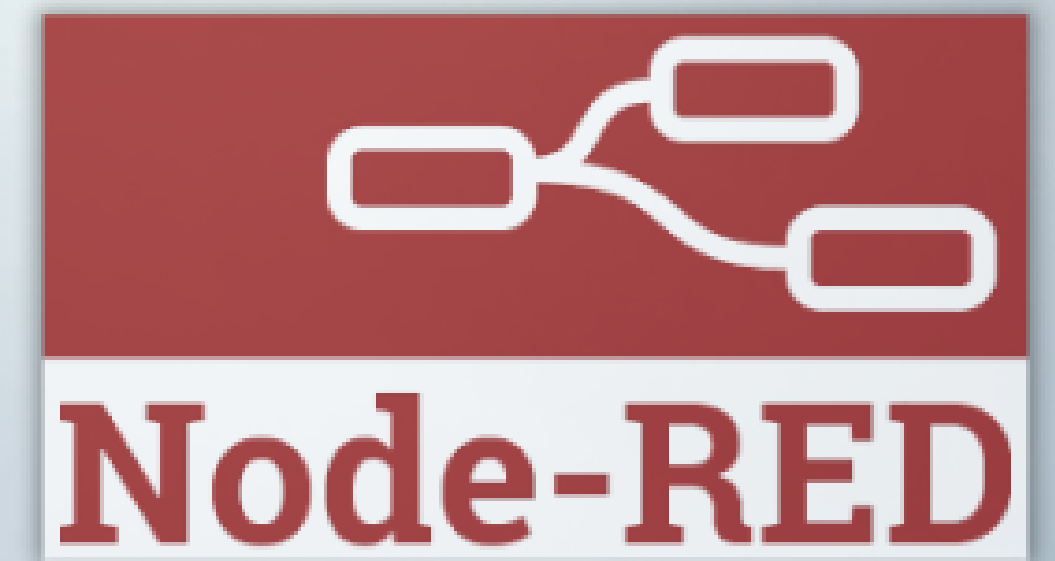
The PassPort Gateway is powered by Node-RED, enabling seamless communication with Makos through the LoRa antenna. Serving as a central Distributed Control System (DCS), it allows for remote access and configuration of site-wide logic.

The driving force behind the PassPort is IBM's Node-RED, an innovative flow-based development tool specifically crafted for visual programming, making it ideal for integrating hardware devices and sensors. With the capacity to connect a multitude of devices, the PassPort Gateway can interface with thousands of sensors in real-time.

As a standalone gateway controller, the PassPort is meticulously designed to act as the primary site controller, disseminating logical and event-driven commands to all its connected devices.

Smithtek, in its quest for innovation and integration, has developed a variety of nodes that simplify the process of interfacing with other services and logical functions. This tailored approach further enhances the capabilities of Node-RED, streamlining connections and operations. Furthermore, a seamless IoT connector has been integrated, facilitating a direct link to the Smithtek.cloud, thus amplifying the gateway's prowess in real-time communication and data management.

[CLICK HERE](#)



Smithtek. Cloud Overview

"Smithtek.cloud is a cutting-edge web-based HMI SCADA system designed to provide flexibility and real-time insights. Within our cloud platform, you can effortlessly monitor and retrieve data independently from both the PassPort Gateway and the Mako V2 PLC or seamlessly integrate them through various IoT connection methods.

These data points, which we refer to as 'variables,' respond instantly to sensor changes, creating dynamic 'data dots' or timestamps. Our platform offers an extensive data retention period of up to 2 years, ensuring that historical data is readily available for analysis.

Additionally, Smithtek.cloud supports GPS tracking and heat map functionality, enabling you to gain deeper insights into your operations and assets. Much like a traditional SCADA system, our platform empowers you to personalize and design your own cloud-based dashboard. Our intuitive drag-and-drop interface ensures that you can have your system up and running within minutes. Customize your dashboard to meet your unique needs and harness the power of real-time data visualization."



[CLICK HERE](#)



Smithtek. Cloud

Special Features



- **Real-time Dashboards:** Create real-time dashboards to analyze data and control devices.
- **Widgets Support:** Smithtek.cloud offers a wide range of widgets for data visualization, including:
 - Line Charts
 - SCADA Widgets
 - Switches
 - Sliders
 - Wind Rose Map
 - And many more...
- **Data Retention:** The platform boasts an extended data retention period of up to 2 years, ensuring access to historical data for analysis and insights.
- **Security:** Smithtek.cloud prioritizes data security with secure MQTT communication and a secure website, safeguarding your data and user information.
- **Events Engine:** The platform features a robust events engine, allowing you to set up automated notifications and actions triggered by specific conditions, including:
 - SMS Notifications
 - Email Alerts
- **Schedule Timer:** Smithtek.cloud provides a scheduling feature, enabling you to automate tasks and data collection at specific times or intervals.
- **GPS Heat Map and Trace:** Gain valuable insights into location-based data with GPS tracking capabilities, including heat map visualizations and trace routes.
- **Dashboard Sharing:** Simplify collaboration by sharing your ideas and projects with others, eliminating the need for tedious access provisioning with usernames and passwords.
- **User-Friendly Interface:** The platform offers an intuitive drag-and-drop interface, making it easy to customize and design your own cloud-based dashboards to meet your specific needs.
- **With these features, Smithtek.cloud becomes a versatile and user-friendly IoT platform, designed to empower users with real-time data analysis, device control, data visualization, automation, security, collaboration, and location-based insights for your users and devices.**

[CLICK HERE](#)



How our system works together?

TSmithtek.cloud serves as the central hub in our trio topology. It connects to the PassPort Gateway through multiple connection options, including Wi-Fi, LAN, or 4G. Using MQTT communication, Smihttek.cloud efficiently retrieves and sends sensor data to and from the PassPort, making it the core platform for data management and visualization.

The PassPort connects to the cloud through NodeRED. All the logical control is done through NodeRED, kind of like a DCS HUB. It can send and retrieve sensor data it collects through its local interfaces. It has the ability to expand and integrate with industrial sensors, controllers like PLC's data loggers. Its LoRa RF antenna allows it to further expand and communicate to Makos over long distances.

The Mako PLC is a highly versatile controller designed to function both independently and as part of a larger control network simultaneously. It operates as a Master/Slave device, offering flexible deployment options to suit your specific needs. Mako is capable of interfacing with a wide range of sensors, including industrial sensors and digital protocol sensors. It is a reliable choice for standalone tasks. Alternatively, it can communicate with the PassPort Gateway, integrating into a larger control network for comprehensive data management and control across your IoT ecosystem.



The PassPort and Mako can operate autonomously; however, the true strength of the system emerges when they work together. This synergy allows you to build a powerful and comprehensive control system.



Agriculture

The Mako V2, combined with the PassPort Gateway, offers a robust solution for the agriculture industry, characterized by reliability and real-time monitoring capabilities. Leveraging the Mako's embedded LoRa radio and the PassPort's connectivity options, this combination facilitates seamless communication over extended distances. This technical synergy between the Mako and PassPort is well-suited for various remote agricultural applications, including irrigation systems, pumping stations, and dam monitoring.

Open

Low Moisture

Tank 1 OK

Tank 2 Low

Stock Water Management

The Mako V2, in conjunction with the PassPort Gateway, presents an excellent solution for small to medium-scale water management applications. It possesses the capability to monitor water levels and operate various equipment such as pumps, VSDs, flow meters, pressure sensors, and other industrial sensors. With its LoRa radio connectivity, facilitated by the PassPort, the Mako V2 becomes an all-in-one solution for remote water production and distribution. Moreover, the Mako V2's advanced features enable efficient communication with RO plants and water disinfection units, providing a comprehensive solution for efficient water management.

P2 Duty

P1 Running

Automation

The Mako V2, in collaboration with the PassPort Gateway, stands as an ideal solution for small-scale automation applications, boasting a robust array of onboard IO capabilities. Its intuitive programming software features a comprehensive range of conventional PLC tools, including PID controllers, timers, loops, delays, filters, averaging, and booleans.

With the added capabilities of the PassPort, the Mako V2 can expand both wired and wirelessly, offering a scalable solution suitable for growing operations. Its advanced LoRa radio capabilities enable multiple switchboards to communicate efficiently with each other, making it a fitting choice for wide-area automation projects. This combination of the Mako V2 and PassPort ensures versatile and effective automation solutions for your specific needs.

3400 kwh

Fuel L - Low

Remote Generators

The Mako V2, in collaboration with the PassPort Gateway, offers remote monitoring and control capabilities for generator systems. It leverages LoRa radio technology to facilitate communication over extended distances, making it particularly suitable for deployment in remote locations.

The system is adept at tracking key parameters essential for generator operation, including run hours, fuel levels, oil pressure, and water temperature. This comprehensive monitoring capability enhances maintenance management and enables rapid responses to potential issues, ensuring the continuous reliability of your generator systems.

Moreover, the Mako V2, with the addition of a Mobile 4G/LTE dongle, provides the means to connect your generator systems to the cloud for seamless remote control and monitoring. In addition, it interfaces smoothly with popular generator control brands like Deepsea, Comap, Smartgen, and PowerWizard, ensuring compatibility with a wide range of generator equipment. This combination of Mako V2 and PassPort streamlines and optimizes the management of your remote generator sets.

Temp 76.3

RPM 1500



23000 lph

Flow Meters / Energy Meters

The Mako V2 offers integration with both flow and power meters, providing versatile monitoring capabilities. You can choose to connect via traditional pulse outputs or utilize the onboard RS485 interface, which supports Modbus communication for efficient data collection and analysis.

Our V-net programming software simplifies tasks such as configuring totalisators, scaling flow rates, and logging energy data. Moreover, the built-in Modbus capability ensures smooth communication with popular flow meter models like Siemens magflow and various power meter ranges, resulting in a highly integrated monitoring experience.

The PassPort Gateway, equipped with its LoRa antenna, extends its reach to connect many meters from afar to the Mako, creating a robust and comprehensive monitoring network. By eliminating the need for multiple devices, this combination offers a comprehensive overview of your energy usage. This monitoring capability empowers you to optimize energy consumption for maximum efficiency, making data-driven decisions to enhance your operations.



0.00ppm

Environmental sensors

In the realm of environmental monitoring, both the Mako V2 and the PassPort Gateway shine independently. The Mako V2, on its own, is equipped to interface with a diverse range of environmental sensors. These sensors encompass a variety of parameters, including weather data from weather stations, wind speed and direction from anemometers, chemical composition from chemical sensors, and marine conditions from marine sensors, among many others.

Similarly, the PassPort Gateway, in isolation, boasts the capability to interface with an array of environmental sensors. It can effortlessly collect data from multiple sensors, transforming it into valuable insights for environmental monitoring. However, the true strength emerges when the PassPort and Mako join forces. The PassPort, equipped with its LoRa antenna, can effectively communicate with multiple Makos deployed across a geographical area. This collaboration allows the PassPort to aggregate and relay environmental sensor data collected by various Makos, creating a comprehensive network for environmental monitoring. Whether it's weather stations, anemometers, chemical sensors, marine sensors, or any other type of environmental sensor, the PassPort and Mako combination provides an efficient and scalable solution for monitoring and gathering critical environmental data across a wide area, ensuring you have access to the insights needed to make informed decisions.



288 degrees

Marine

The Mako V2 and the PassPort Gateway are versatile solutions for marine data monitoring in diverse settings, whether offshore, in waterways, or along rivers. These devices can independently gather essential marine data, ensuring robust data collection and analysis.

The Mako is well-suited for marine data monitoring. It facilitates data collection and analysis from IoT buoys and data buoys, making it suitable for various marine environments. Its efficient power management is particularly valuable for offshore buoys, where solar battery power is optimized for uninterrupted data collection.

Similarly, the PassPort Gateway can work independently in marine data monitoring. Its connectivity options and data management capabilities ensure efficient data collection and transmission.

The synergy between the Mako and the PassPort enhances their capabilities. Together, they create a network that spans marine environments, allowing for comprehensive data collection and analysis. Whether it's offshore buoys, waterway monitoring, or river data gathering, the Mako and PassPort combination provides the versatility needed for marine data monitoring.

Parks and Public Spaces

The Mako V2, in conjunction with the PassPort Gateway, emerges as the ideal choice for government parks, public areas, and similar environments that necessitate comprehensive monitoring for tasks like irrigation, lighting, and park environmental sensors. With its cutting-edge LoRa radio technology, the Mako V2 offers real-time data connectivity, even in areas without reliable mobile internet coverage.

This combination of the Mako and PassPort Gateway enables communication over large parks and sprawling public spaces using their LoRa RF. This feature extends the reach of the monitoring and management network, ensuring that even remote or hard-to-reach locations within these areas are covered.

Whether you're a government agency responsible for park maintenance or a park manager striving to keep public spaces functioning optimally, these 2 devices will equip you with reliable monitoring and management capabilities.

Off

Mining

The Mako V2 and the PassPort Gateway offer versatile solutions for mining operations, capable of handling tasks independently or collaboratively to streamline processes and enhance efficiency.

Individually, the Mako V2 and the PassPort are valuable assets for managing small-scale mining processes and automation tasks. They can monitor and control equipment, ensuring smooth operations in specific areas of the mine.

However, when deployed together, they form a powerful network that blankets the entire mine site, enabling communication with multiple devices. This synergy facilitates comprehensive data collection and management, covering critical aspects such as water management, bore sites, environmental sensors, and dust control.

Whether it's overseeing equipment, managing environmental conditions, or optimizing dust control, the Mako and PassPort combination ensures that your mining operation runs efficiently and is equipped to address a wide range of challenges across the entire site.

27.6

3001mm

Our products stand out for their exceptional value proposition. They are not only low in cost but also highly reliable, making them a smart choice for businesses looking to optimize their operations without breaking the bank. When compared to other PLC brands in the market, our offerings truly shine, delivering an impressive combination of affordability and dependability.

PRODUCT PRICING

ITEM

PRICE

Mako V2 PLC	\$605.00
Mako V2 PLC GNS	\$638.00
PassPort IGW	\$605.00
Smithtek.cloud - 1 device/20 variables per year, 1 minute updates	\$231

All prices are in Australian dollars and include GST (tax)

www.smithtek.com.au

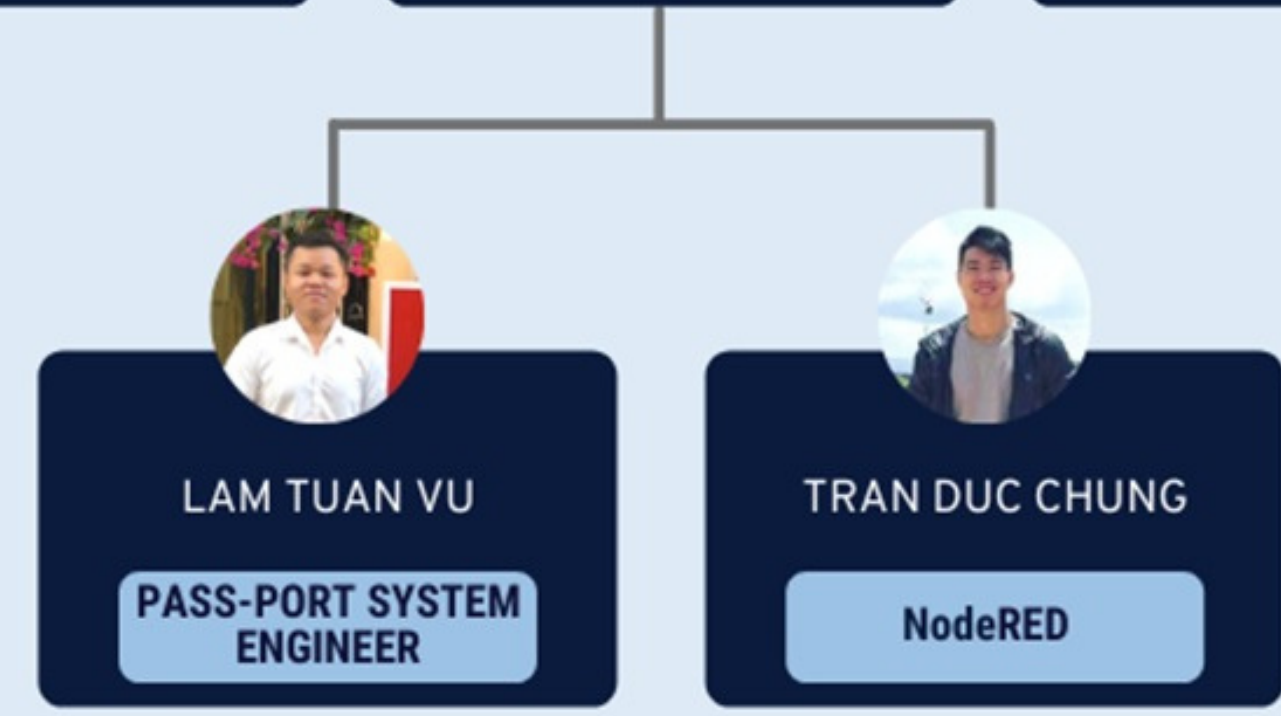




Smithtek believes that creating great products is not just about the technology or the design; it's about the people who make them. We are a team of like-minded engineers, technicians, and thinkers who share a passion for creating products that last, are simple to use, and fun to interact with.

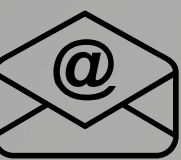
Our mission is to make tech that people love to use, that last for years, and that provide a seamless experience.

We understand that technology can be intimidating, and that's why we aim to create things that are simple and intuitive to use. We believe that everyone should be able to benefit from technology, regardless of their technical knowledge.





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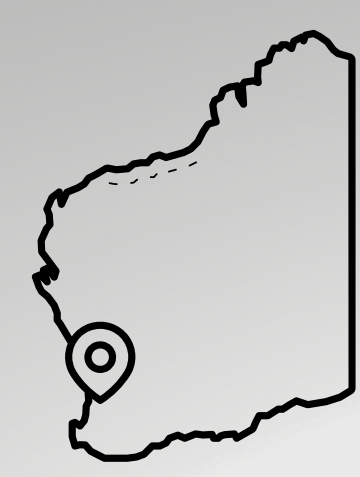
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