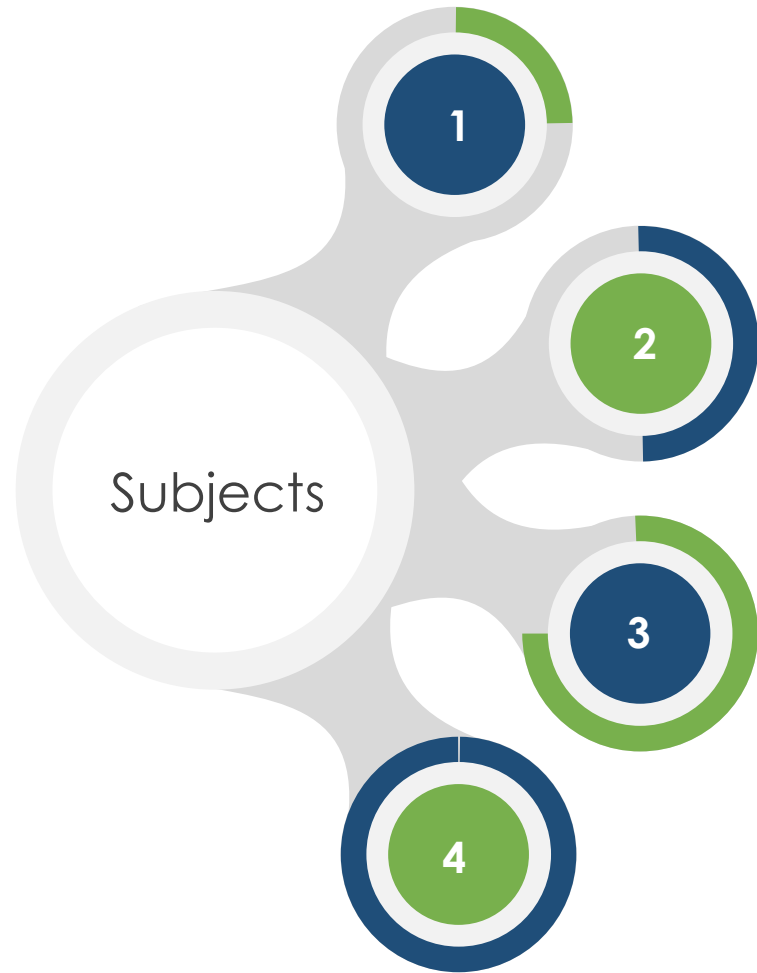




NavigateWorx Introduction

Presented by NavigateWorx Marketing Department

NavigateWorx Technologies is an Industrial IoT / M2M Hardware Manufacturer and Solution Provider.



Part One - Company Introduction

1. Cradle
2. Team Membership



Part Two - Product Introduction

1. NR500-Standard & NR500-Pro
2. Comparison Table



Part Three - Why NavigateWorx?

1. Core Value / Competition
2. Fair Distribution Channel Strategy

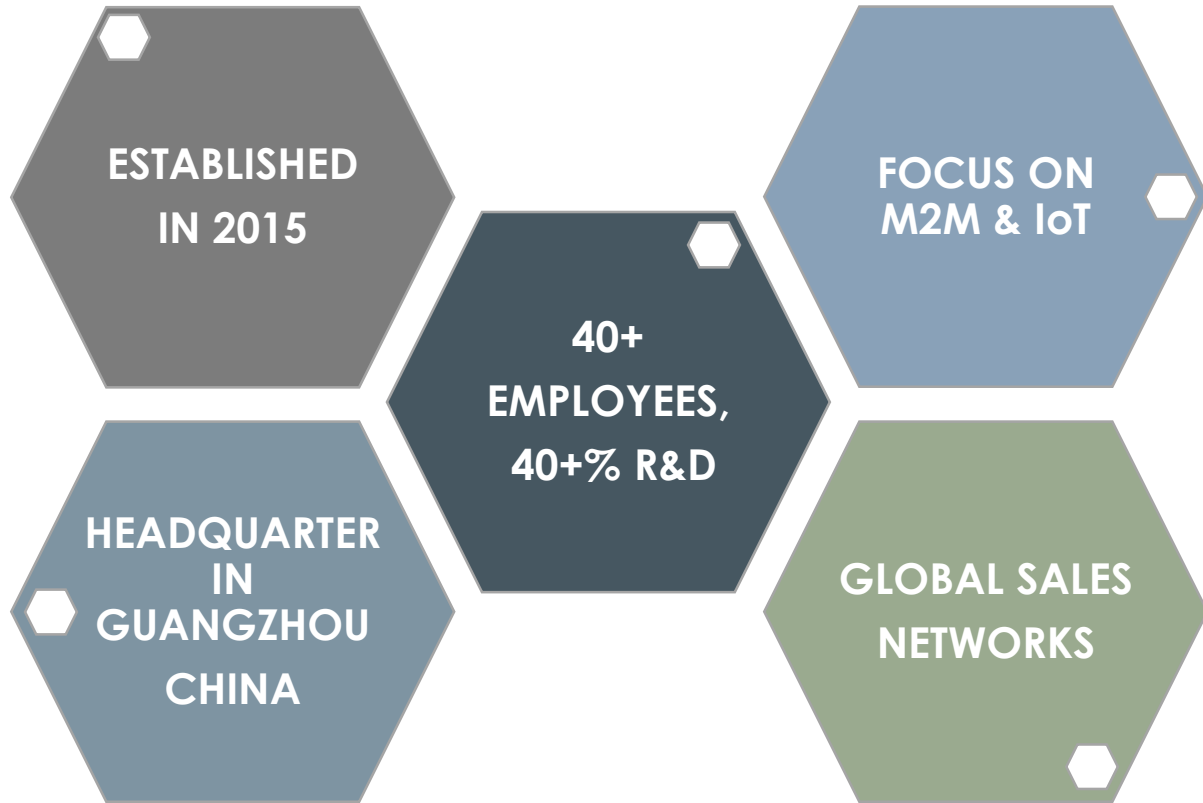


Part Four - Markets & Applications

1. Main Vertical Markets
2. Application Sharing



Part One Company Introduction



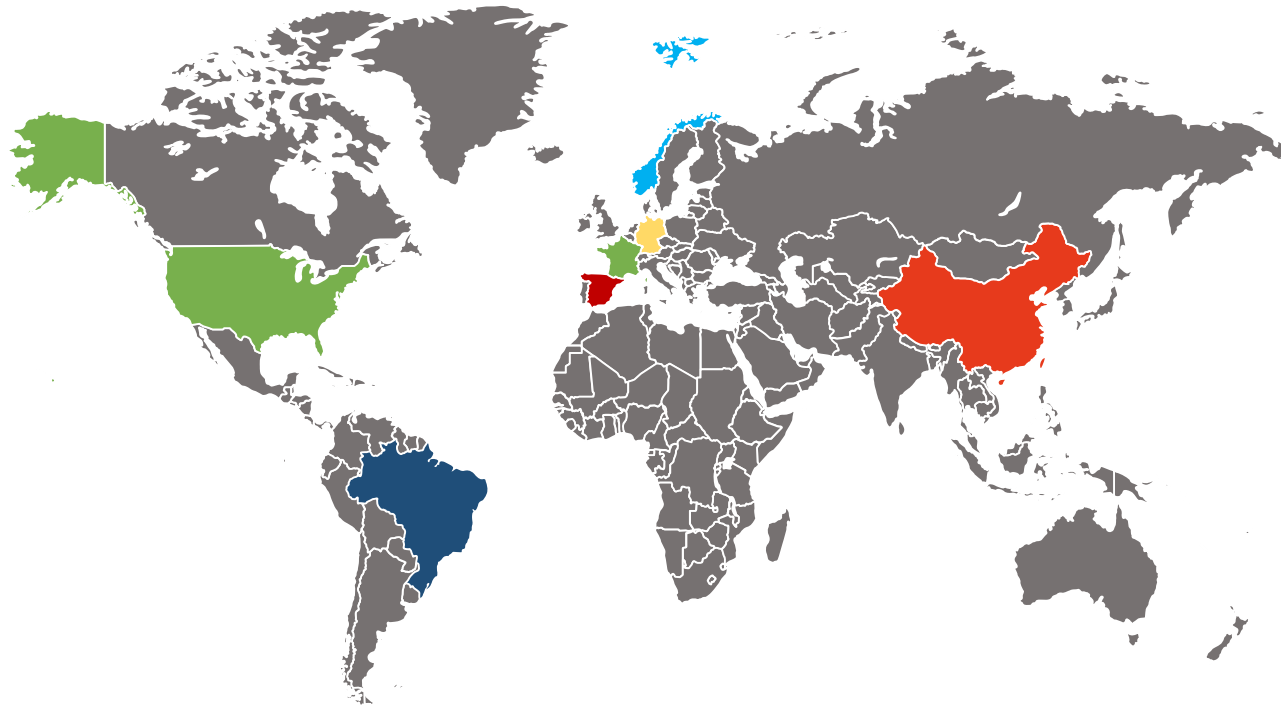
Research & Development



Production



Customer Service



Our Footprint Globally (Examples):

- With trustable Quality and experienced Support, we're getting more and more reputable in the Market.
- Why not join in the fantastic IoT / M2M Market and enjoy the Party with us? Waiting You.
- Hereby list some of our Partners that we're working closely to serve the rapidly developing IoT / M2M Market.

● **China**

Developing National Partnership and working with different kinds of Organizations.

● **USA**

Mainly working with OEM / ODM Partner that they even got our Router Cellular Operator Approval.

● **German**

Have to say, working with our professional Partners makes us strongly enjoy the real Magic of Industry 4.0.

● **Norway**

Working together with our excellent Partner to serve the IoT / M2M Market, even in Maritime Market.

● **Spain**

Working closely with our Partner to serve different demanding Markets.



We are very influential !!!

NavigateWorx Technologies is an Industrial M2M / IoT Hardware Manufacturer and Solution Provider. Since its Establishment on the forefront of the evolving Machine-to-Machine / Internet of Things Industry, she offers an unique combination of extremely talented Wireless & Wireline Engineers with Industry Experts to help you navigate the overwhelmingly complicated M2M / IoT Industry.



Professional

Averagely each Team Member has been in IoT / M2M Market for more than 5 Years.



Efficient

We request each Sales to response Customers with 12 Hours globally.



Reliable

We know the Applications and would provide the most suitable Solution for you.



Inspiration

Each Team Member would be encouraged and trained to be more professional.



Responsibility

We would follow up from Appetizer to Dessert. We deliver, we care.



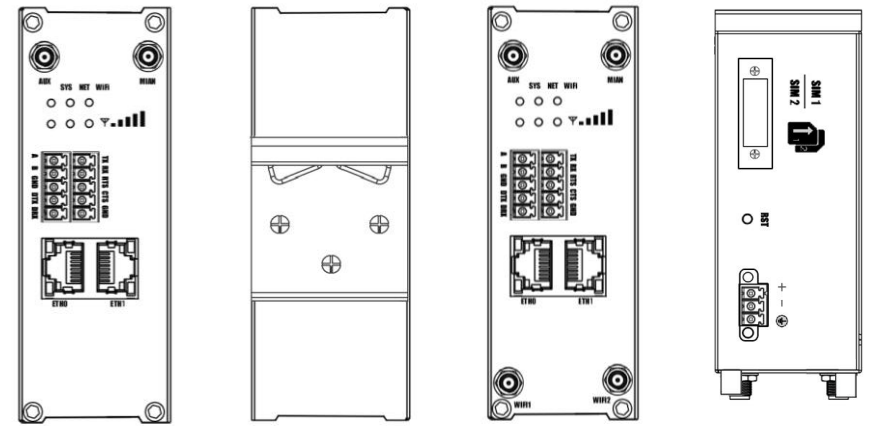
Part Two Product Introduction



- 2 Ethernet Ports
- 1 RS232 & 1 RS485
- 2 Digital Input & 2 Digital Output
- Dual SIMs Backup, Wi-Fi is optional
- Wide Operating Temperature: -40 to 75
- Wide Range Power Input: 9 to 48V
- Hardware RTC & Watchdog
- Link Failover from LTE / Ethernet / Wi-Fi
- Wi-Fi AP & Client Mode (Wi-Fi Optional)
- 6 LED Indicators
- Timer Reboot / SMS Reboot
- LTE Connected on Demand
- Multiple VPNs Supported
- Local Web & SNMP & CLI Configuration
- 3rd party Central Management Platform

Applications

- I. Video Surveillance
- II. Retail Markets, including Vending Machines, Kiosk etc
- III. Remote Monitoring - SCADA
- IV. Intelligent Transportation System
- V. Industrial Automation
- VI. Automatic Metering Reading

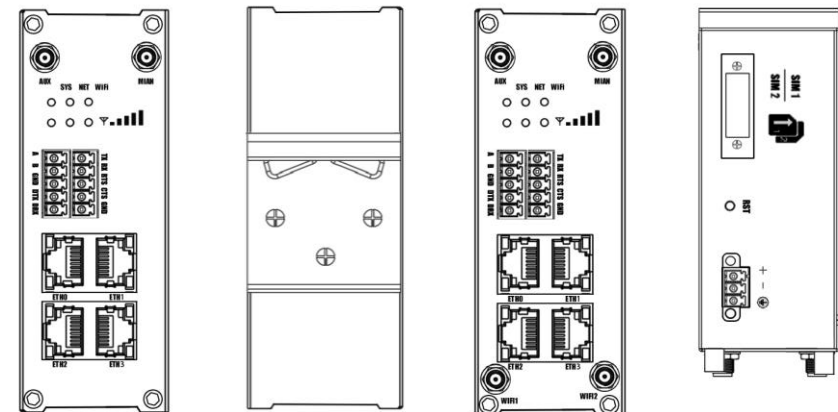




- 4 Ethernet Ports
- 1 RS232 & 1 RS485
- 2 Digital Input & 2 Digital Output
- Dual SIMs Backup, Wi-Fi is optional
- Wide Operating Temperature: -40 to 75
- Wide Range Power Input: 9 to 48V
- Hardware RTC & Watchdog
- Link Failover from LTE / Ethernet / Wi-Fi
- Wi-Fi AP & Client Mode (Wi-Fi Optional)
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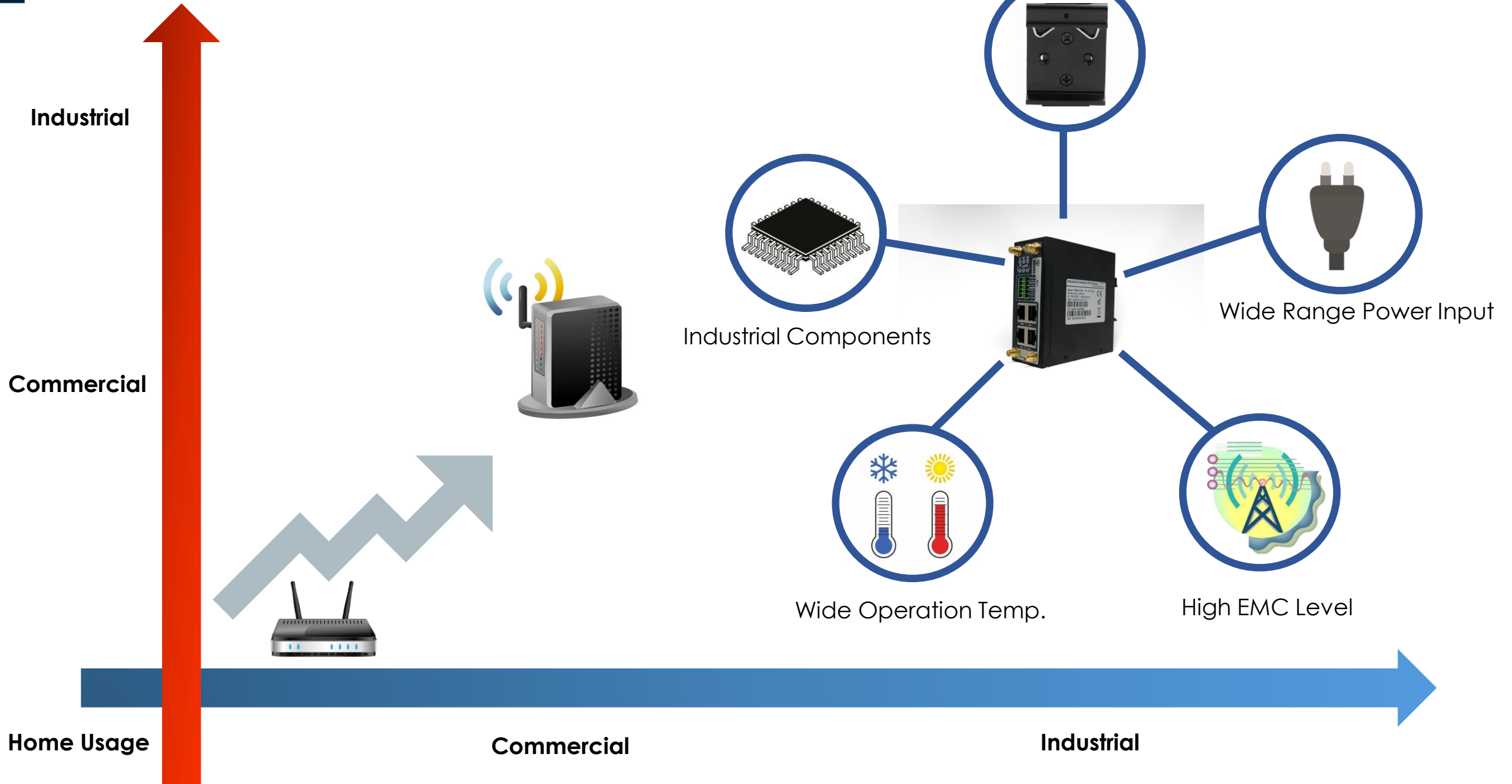
Applications

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Comparison Table Of NR500-Standard & NR500-Pro

	NR500-Standard				NR500-Pro			
	NR500-S3G	NR500-S3G	NR500-S4G	NR500-S4G	NR500-P3G	NR500-P3G	NR500-P4G	NR500-P4G
Part Number	A502333	A512333	A502433	A512433	A504333	A514333	A504433	A514433
Ethernet Ports	2				4			
Cellular	3G		4G		3G		4G	
Wi-Fi	No	Yes	No	Yes	No	Yes	No	Yes
RS232	1							
RS485	1							
DI	2							
DO	2							
Power Input	9 – 48 VDC							
Working Temp.	- 40 To 75 Degree							
VPNs	OpenVPN, GRE, IPSec, L2TP, PPTP, DMVPN							
Config	Local Web & SNMP & CLI Configuration							





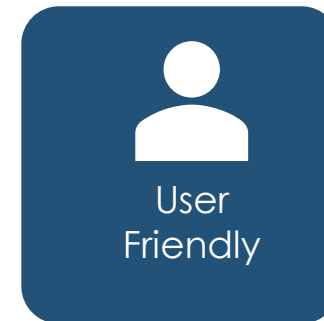
Self-developed Linux System, which has great extensibility.



High security performance, such as Login Authentication, multiple VPNs etc.



Clear and friendly Web GUI, make it easier for the Engineers to do the configuration.





Cellular Connection



Serial Connection



Account Management



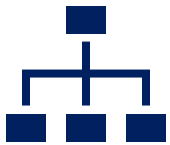
Wi-Fi AP or Client Mode



Multiple VPN Tunnels



Rich Syslog Output



WAN Support, Multiple LAN



Firewall, Port Mapping, DMZ



DDNS Support



Digital Input And Output



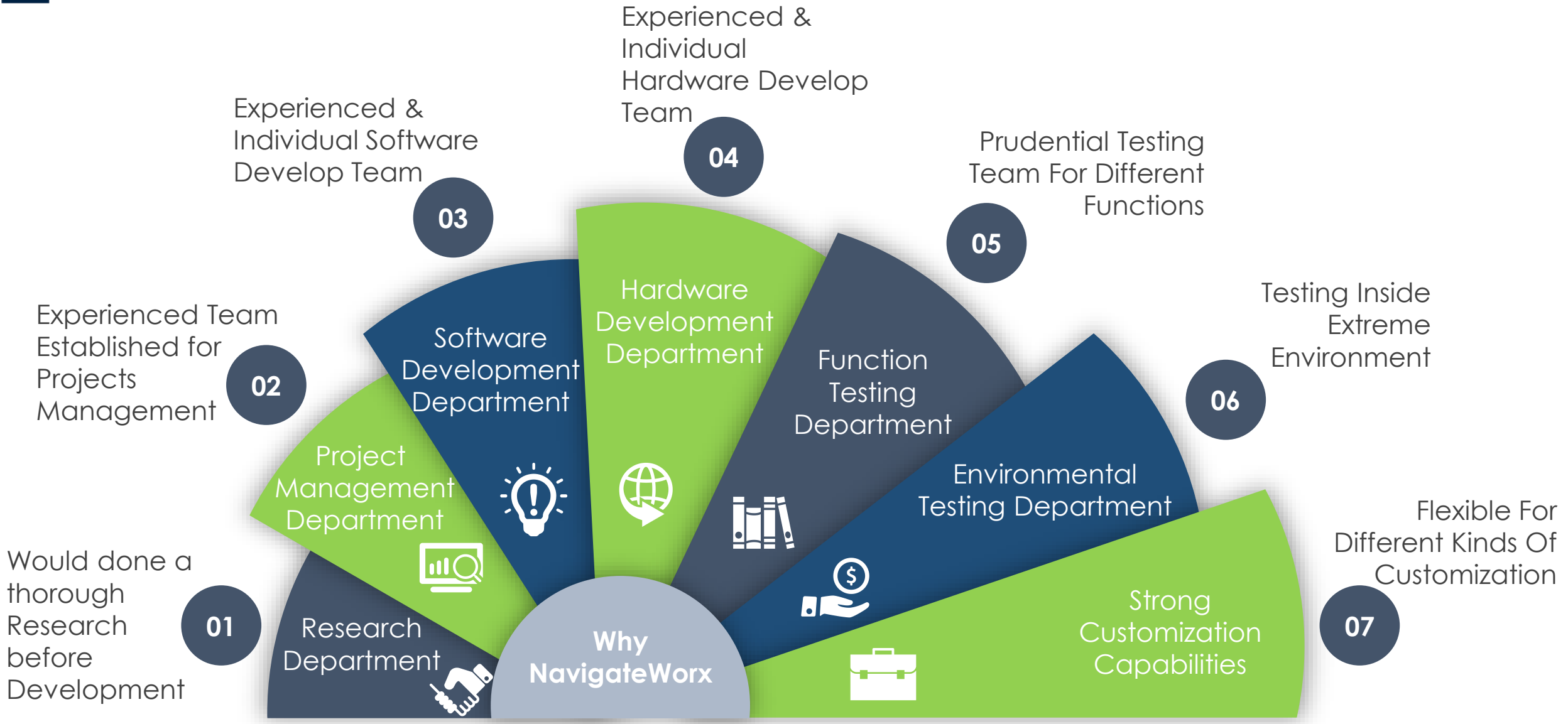
NTP Client, Scheduled Reboot



3rd Party Platform



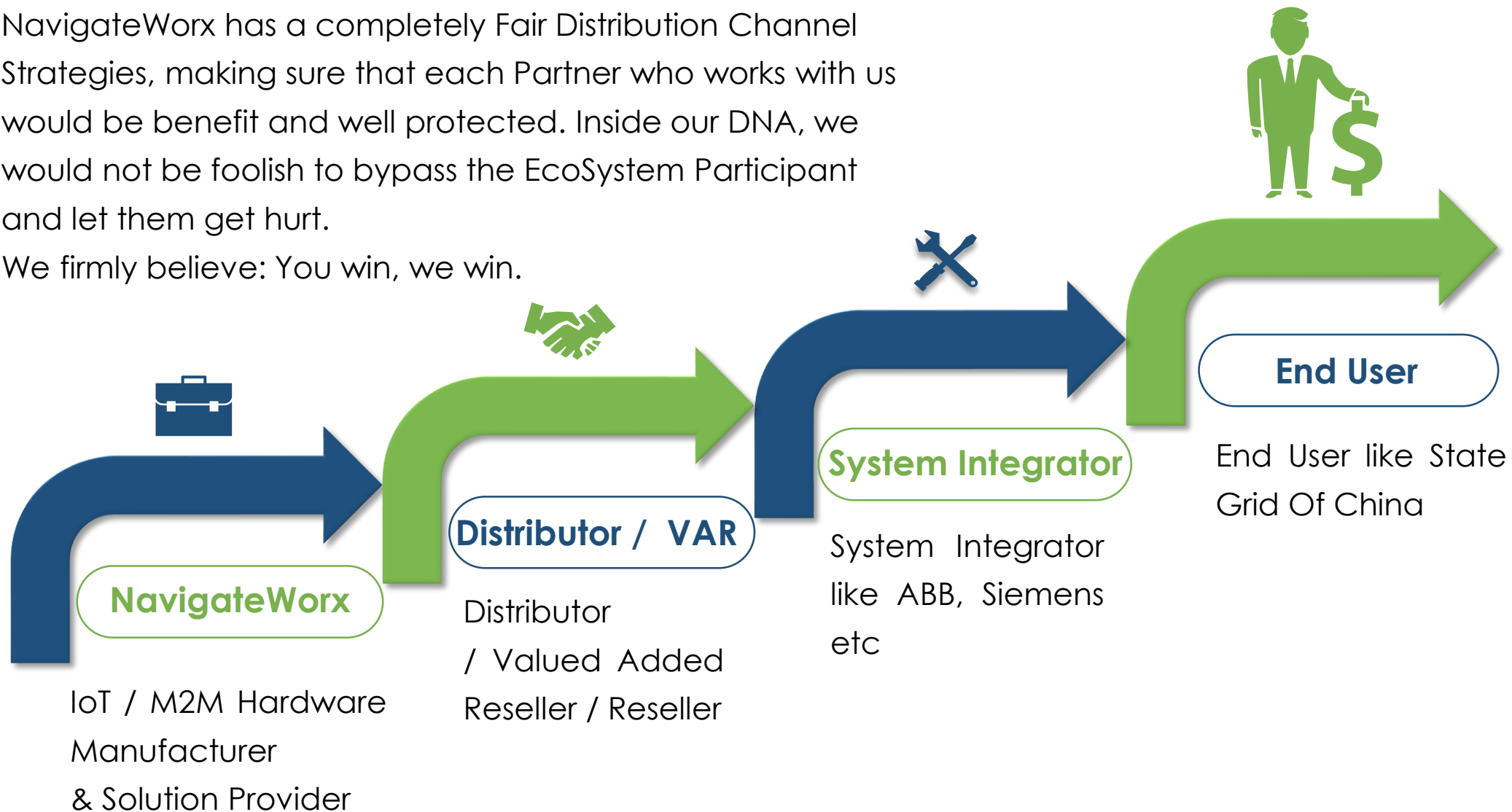
Part Three
Why
NavigateWorx





NavigateWorx has a completely Fair Distribution Channel Strategies, making sure that each Partner who works with us would be benefit and well protected. Inside our DNA, we would not be foolish to bypass the EcoSystem Participant and let them get hurt.

We firmly believe: You win, we win.





Part Four Markets & Applications



Video
Surveillance

- Video Surveillance
- Data Collection



Retails
Market

- ATMs
- Vending Machine
- Gambling Machine
- Digital Signage
- Kiosks



Remote
Monitoring

- Remote Control
- Remote Diagnose
- Remote Maintenance
- SCADA



Intelligent
Transportation

- Traffic Management
- Fleet Management
- Smart Bus



Industrial
Automation

- HVAC
- Pump Control
- Access Control



For Example

ORACLE

SAP

Application Layer



For Example

Axeda

Cumulocity

Management Layer



For Example



中国移动通信
CHINA MOBILE

ISP Cellular Layer



For Example



NavigateWorx

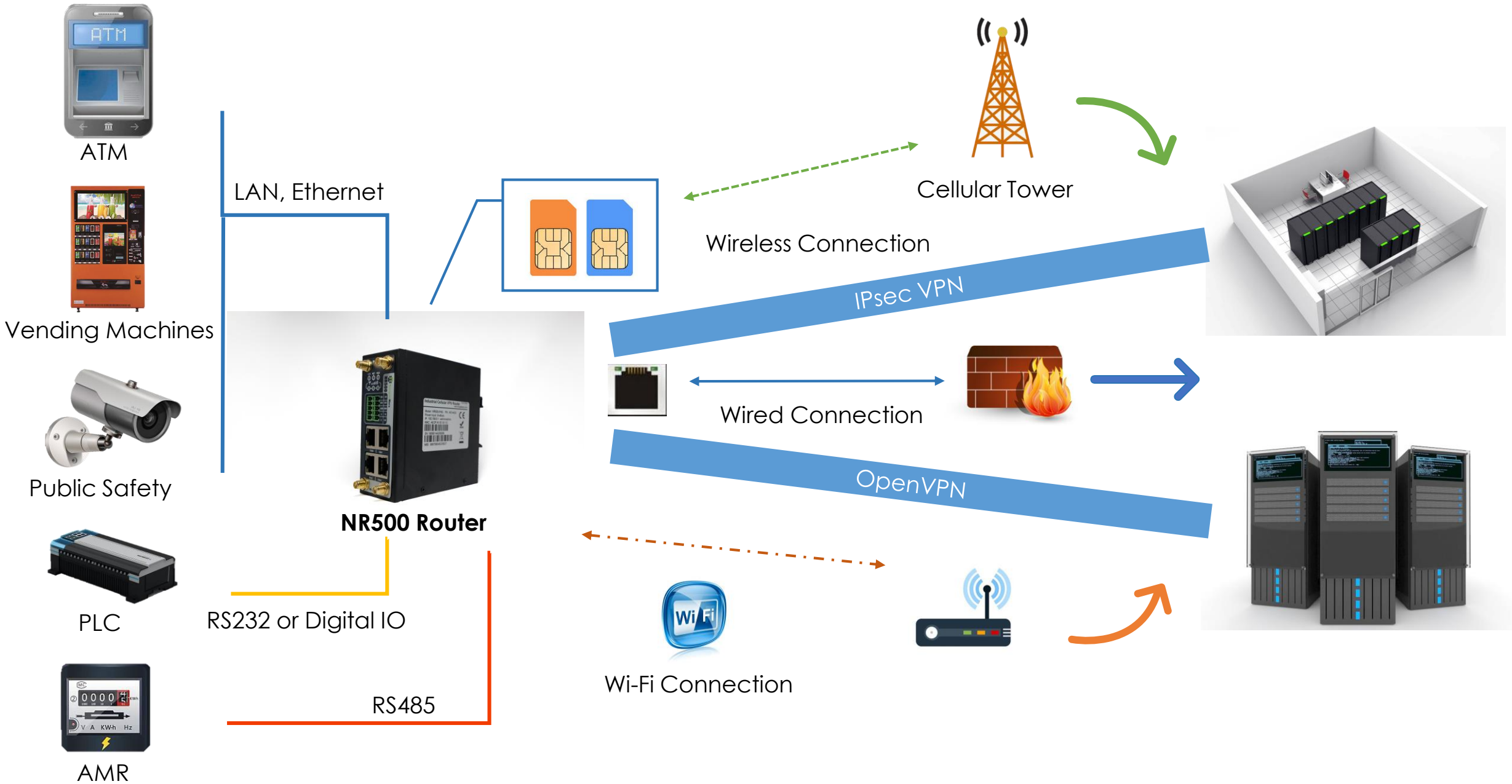
IoT / M2M Router Layer



For Example



Things Layer



ATM



Vending Machines



Public Safety

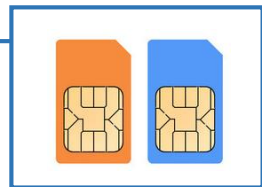


PLC

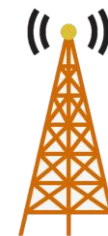


AMR

LAN, Ethernet



Wireless Connection



Cellular Tower



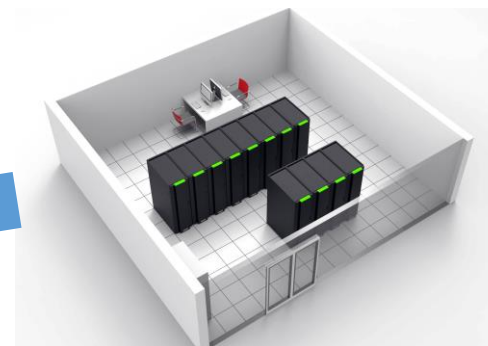
Wired Connection



OpenVPN



Wi-Fi Connection



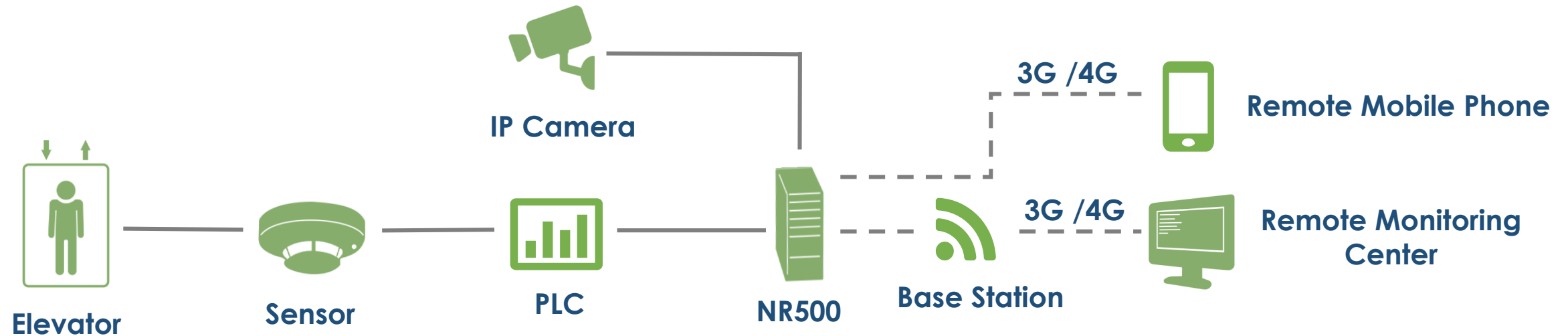
NR500 Router

RS232 or Digital IO

RS485

Background

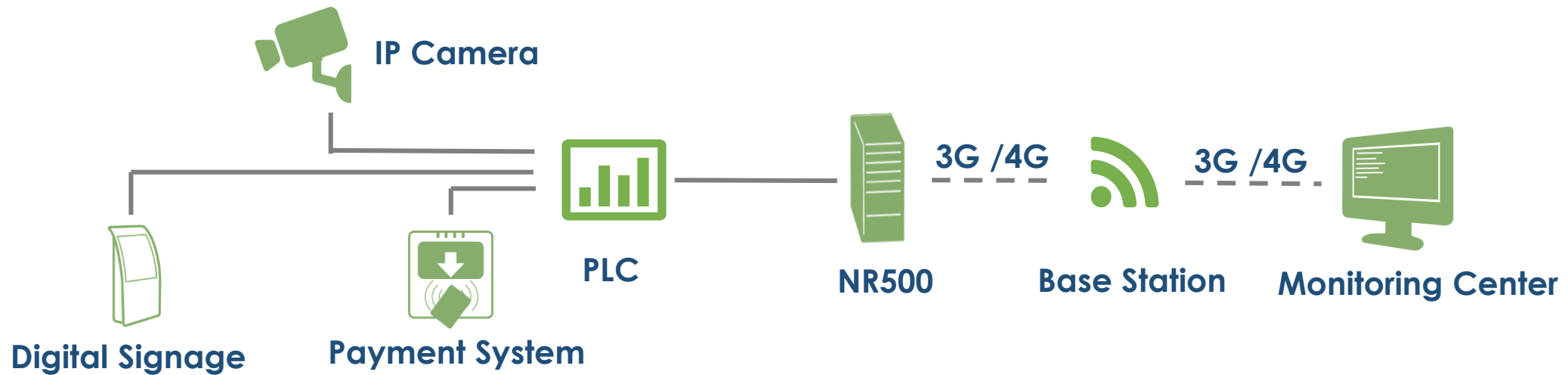
More and more Modern Buildings had been equip with Elevators and they run into Failure time to time. So having instant Sensors to monitor the Status of the Elevators is becoming critically important nowadays.

**Solution**

NR500 Family with abundant Interfaces like RS485, RJ45 provides cellular connection to the remote PLC / Elevator. Then the System would send Message / Email to Central Engineers immediately once Failure detected.

Background

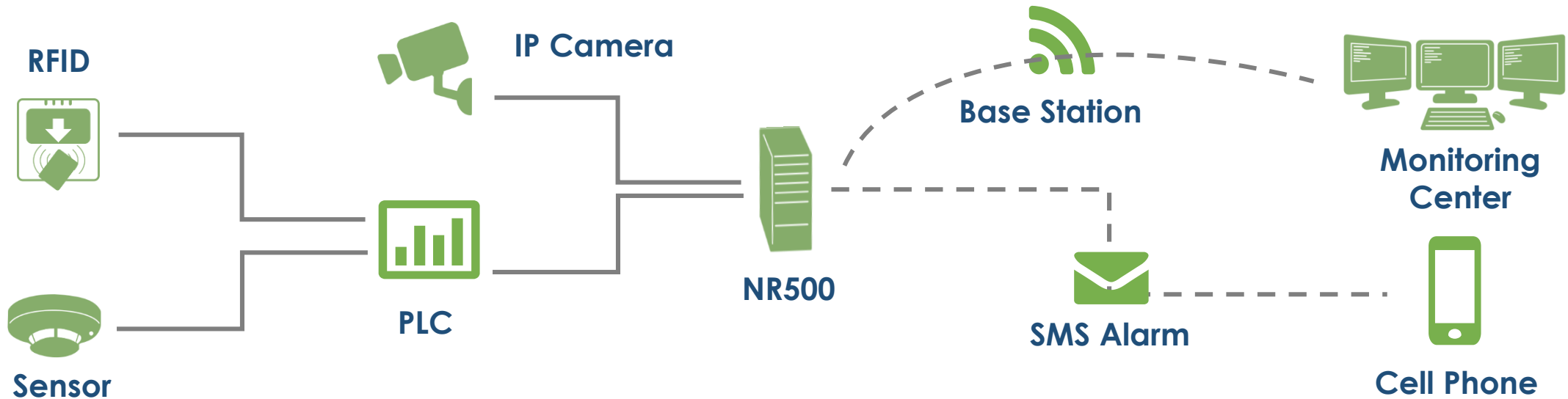
Smart Bus has a complete and intelligent System that consists of Payment System, Monitoring System and Media Video System. Bus Management Operation Company need to get the real-time Status and push Media out for Commercial Purpose.

**Solution**

Industrial NR500 Router provide rugged and reliable remote connection in order to link up the Central Management Office and each Bus. Narrow GPRS Band Width had been replaced by 3G / 4G in order to be more efficient and reliable.

Background

Real time Guarding System is critically necessary for some large and crowded Buildings especially after many terrorist activities. While the problem is that Human Cost had increased a lot and less and less people picks up the career of Guardian.

**Solution**

4G Instant NR500 Router is integrated into the Guarding System with IP Cameras, RFID Scanner and multiple Sensors, collecting Data and send back to Monitoring Center. And send our Alert Message / Email to Security Center when accident occurs.

Background

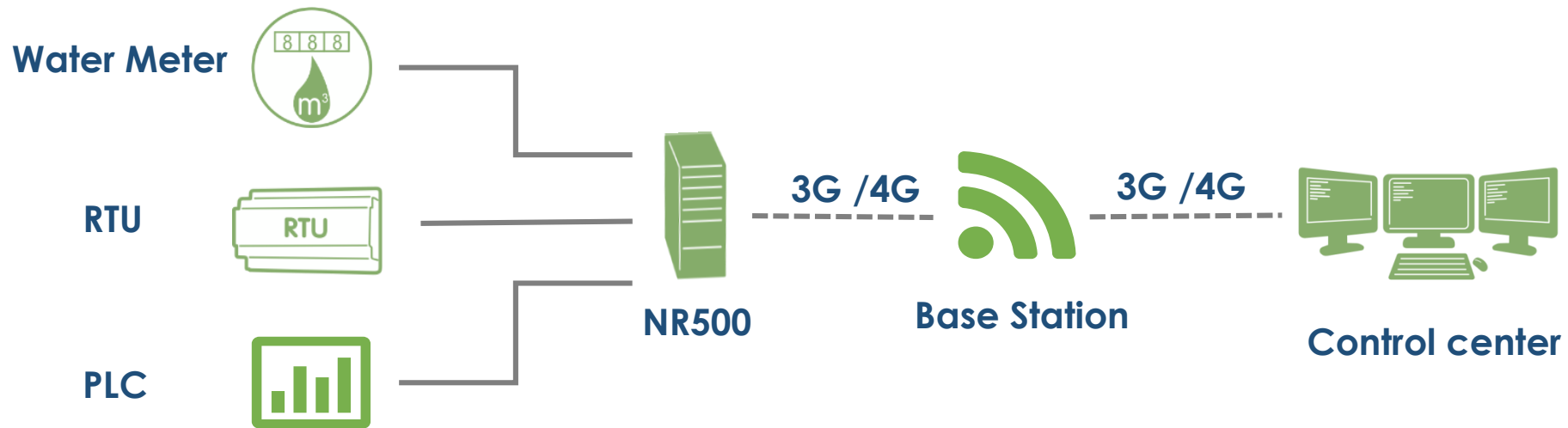
Unlike the Modern Cities, some rural areas without Fiber Optics, is very difficult to collect data from traffic light controller. So 3G / 4G is becoming more and more popular in those rural areas.

Traffic Light**Solution**

NR500 Router with RS485 Interface connected to the TLC (Traffic Light Controller), and then send the Traffic Light Data to the Monitoring Center, making sure that the Traffic Light System is working normally and efficiently.

Background

Waste Water Plant is usually built in rural areas that it's not logical to send Engineers to the site every short period and especially when small Issue occurs, sending people go-and-back cost too much resources waste.

**Solution**

Reliable and trustable NR500 Router is connected to different components in Waste Water Plant, and transparently transmit the data back to the Monitoring Center periodically, especially when detect Failures, then would alert the Engineers immediately.

Questions & Answers

Company Website: www.navigateworx.com

Commercial Inquiry: sales@navigateworx.com

Technical Support: support@navigateworx.com

General Inquiry: info@navigateworx.com

We accompany with you 24H / 7D.



**THANK YOU
FOR WATCHING**