

Since 24 Years.....

International Telecommunication Mobile Router and Switch Manufacturer

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SUMMARY of 24 YEARS EXPERIENCE

Ricon Mobile; is an international, high quality Cellular, Mobile and Fiber Optic Router , IOT device and M2M software manufacturer specializing in telecommunication and network equipment for businesses.

Founded in 1996, as a subsidiary of Spintek A.Ş. Ricon Mobile is the high quality Hardware, Firmware and Software manufacturer based in Toronto Canada serving businesses more than 24 years of experience. Ricon Mobile has a large and dynamic manpower with well experienced employees worldwide with the headquarter in Toronto, Canada and Istanbul Turkey and with subsidiaries in Dubai and Shenzhen China.

Ricon Mobile technology supports enterprises in over 180.000 business locations in worldwide.

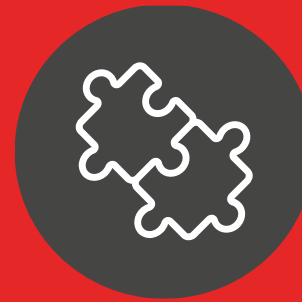
Today, Ricon Mobile focused on releasing the first 5G product family in Turkey and will provide the first devices in 2020 to our enterprise customers and operators. We are proud of leading the industry with our durable products as well as high capacity data transfer (throughput) multidirectional software features. We are providing a perfect and customized service to our customers for their software and hardware requirements.

HOW WE DIFFERENTIATE



WE ACCELERATE

We create unique solutions for remote office, Point of Sales connection mobile network, surveillance and data management across different industries



WE CREATE

With our technical and creative expertise, we produce integrated solutions that match your business needs. With customized solutions your business will no more need installation and configurations.

WE CHOOSE

RICON successfully selects and implements the right technology to suit your organization's unique needs and business objectives.



WE MANAGE

We offer a high level of customer service and support in the area of analysis, design, distribution, wireless communications and solutions.



VALUE PROPOSITION

COMPETITION - RICON

PRICE

Products at 50% or lower compared to similar products

WARRANTY

3 year warranty for RICON vs 6 months for similar products

INSTALLATION

“Zero Touch Install” saving on service technician installation costs

CONFIGURATION

Ricon products have “Automatic Configuration from RMS” while other brands units are configured using CLI

CUSTOMER SERVICE

Ricon is able to provide proactive and agile customer service and support without delay

DIFFERENTIATION

Being new to North America, enables our partners to provide a solid alternative product

CUSTOMIZATION

Ricon will adapt or develop new/requested firmware or hardware for clients

Industrial Mobile Routers & Switches

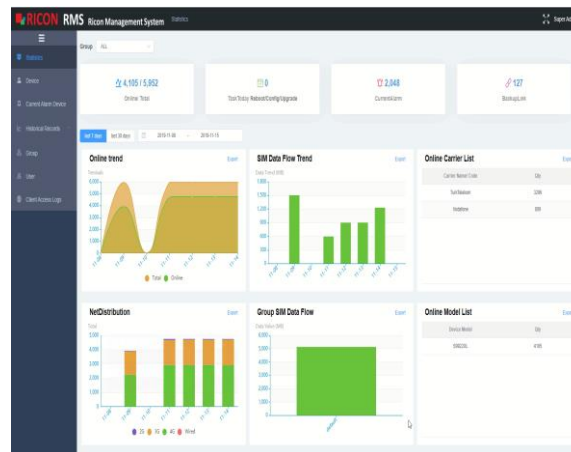


Internet/Vehicle Solutions



PRODUCT GROUPS

Remote Management System RMS



GSM Cellular Accessories



INDUSTRIAL ROUTER AND SWITCH

M and L SERIES



S9922L-LTE S9922M2-LTE

2 Fast Ethernet LAN
1 Fast Ethernet WAN
1 SIM GSM LTE WAN
802.11b/g/n Wi-Fi
L: 5651 log destekli
Throughput 100 Mbps
ZTP/RMS



S9922XL-LTE S9922M4-LTE

4 Fast Ethernet LAN
1 Fast Ethernet WAN
2 SIM GSM LTE WAN
802.11b/g/n Wi-Fi
M4: 2 GSM module support
Active-Active
Throughput 100 Mbps
ZTP/RMS

Metro Ethernet F/O SERIES



S9960ME-4GE

4 Ethernet LAN (Gigabit)
1 Ethernet WAN (Gigabit)
1 SFP MiniGbic WAN
802.11b/g/n/ac Wi-Fi
Throughput 400 Mbps
1 USB 2.0
ZTP/RMS
Metro Ethernet Services



S9960ME-8GE

8 Ethernet LAN
1 Ethernet WAN (Gigabit)
2 SFP MiniGbic WAN /
2 Fiber Optic, 2xGE WAN
802.11b/g/n/ac Wi-Fi
Throughput 400 Mbps
1 USB 2.0
ZTP/RMS
Metro Ethernet Services

Metro Ethernet LTE F/O SERIES



S9960ME-4GE/LTE

4 Ethernet LAN (Gigabit)
1 Ethernet WAN (Gigabit)
1 SFP MiniGbic WAN
2 SIM GSM LTE WAN
802.11b/g/n/ac Wi-Fi
Throughput 400 Mbps
1 USB 2.0
ZTP/RMS



S9960ME-8GE/LTE

8 Ethernet LAN
1 Ethernet WAN (Gigabit)
2 SFP MiniGbic WAN
2 Fiber Optic, 2xGE WAN
1 SIM GSM LTE WAN
802.11b/g/n/ac Wi-Fi
Throughput 400 Mbps
1 USB 2.0
ZTP/RMS

INDUSTRIAL ROUTER AND SWITCH

HyperNET



S9930-LTE

2 Ethernet (1 LAN, 1 LAN/WAN)
1 SIM GSM LTE WAN
802.11b/g/n (300 Mbps)
30 users Wi-Fi Support
Throughput 150 Mbps
Zero Touch Provisioning
Automated Installation
TR069

DSL SERIES



S9980DSL-LTE

4 Ethernet LAN (Gigabit)
1 Ethernet WAN (Gigabit)
1 SIM GSM LTE WAN
1 ADSL/VDSL WAN
802.11b/g/n/ac
80 Users Wi-Fi Support
Throughput 400 Mbps
1 USB 2.0
ZTP/RMS
Rack Mount Kit

5G SERIES



S9955-5G

Outdoor or Indoor
3 Ethernet LAN (Gigabit)
1 Ethernet WAN (Gigabit)
2 SIM GSM LTE
802.11b/g/n/ac Wi-Fi
1 USB 2.0
Throughput 1.000 Mbps
ZTP/RMS

RICON ROUTER ACCESSORIES

STANDARD LTE ANTENNA



Wi-Fi ANTENNA



POWER SUPPLY



OUTDOOR ANTENNA
w/HIGH GAIN



L Series S9922M2/L-LTE SWITCH/ROUTER



S9922M2/L-LTE, Router
1 SIM, 1 GSM WAN
2 Fast Ethernet LAN
L2/L3 Mobil Router
VLAN Support
Ricon Super DSN Forwarding
New Generation Backplane
L version has 5651 Log Support

L Series S9922M/L-LTE SWITCH/ROUTER

Hardware Features

2 Fast Ethernet LAN (1 LAN/WAN Combo) (Fast Ethernet)
1 SIM Slots 1 GSM Module
2 LTE MIMO RP-SMA Antenna
2 Wi-Fi RP-SMA Antenna (2,4 GHz)
Component Level Industrial Design
Rugged high-strength IP30 metal case, Suitable design for vehicle use

Wi-Fi Features

802.11b/g/n Wi-Fi (2.4GHz), AP, receiver Ad-hoc, Repeater, Repeater Bridge mode, SSID, Wi-Fi WEP, WPA, WPA2 security, RADIUS authentication and MAC adres filtering

VPN Features

PPTP, L2TP, EoGRE, OPENVPN, IPSEC ve GRE VPN

Routing Features

VRRP, static and dynamic routing, VLAN, RIPv1, RIPv2
QoS (Quality of Service) ve Data Log

Management Features

Remote Management- Ricon Management System (RMS),
ZeroTouch installation with registered RiconAPP software,
WEB User Interface, CLI, SNMP, Telnet, SSH, TR-069

Other Features

100 Mbps Throughput
LTE+/LTE/DC-HSD3PA/HSDPA+/HSDPA/WCDMA/2G
Customized software
Customized design
Ricon Super DNS Forwarding
Multi VRRP Virtual IP
5651 monitoring with transferring logs to a server or WEB

XL Series S9922M4/XL-LTE SWITCH/ROUTER



S9922M4/XL-LTE

2 SIM, 1 GSM LTE WAN

4 Fast Ethernet LAN

L2/L3 Mobil Router

VLAN Support

Ricon Super DSN Forwarding

New Gen Backbone

M4 Series supports 2 SIM 2 GSM Module (Active-Active connection)

XL Series S9922M4/XL-LTE SWITCH/ROUTER

Hardware Features

4 Fast Ethernet LAN (Fast Ethernet)
1 Fast Ethernet WAN (Fast Ethernet)
2 SIM Slot (Passive backup), optional 1 or 2 GSM Module
2 LTE MIMO RP-SMA Antenna
2 Wi-Fi RP-SMA Antenna (2,4 GHz)
Component Level Industrial Design
Rugged high-strength IP30 metal case

Wi-Fi Features

802.11b/g/n Wi-Fi (2.4GHz), AP, receiver Ad-hoc, Repeater, Repeater Bridge mode, SSID, Wi-Fi WEP, WPA, WPA2 security, RADIUS authentication and MAC address filtering

VPN Features

PPTP, L2TP, EoGRE, OPENVPN, IPSEC ve GRE VPN

Routing Features

VRRP, static and dynamic routing, VLAN, RIPv1, RIPv2
QoS (Quality of Service) ve Data Log

Management Features

Remote Management- Ricon Management System (RMS),
ZeroTouch installation with registered RiconAPP software,
WEB User Interface, CLI, SNMP, Telnet, SSH, TR-069

Other Features

100 Mbps Throughput
LTE+/LTE/DC-HSD3PA/HSDPA+/HSDPA/WCDMA/2G
Customizable software
Customizable design
Ricon Super DNS Forwarding,
Multi VRRP Virtual IP
5651 monitoring with transferring logs to a server or WEB

ME- LTE Series S9960ME-4GE/LTE SFP SWITCH/ROUTER

Optional without LTE

ME Series S9960ME-4GE SFP SWITCH/ROUTER



- S9960ME-4GE (LTE is optional)
- 1 Fiber Optic SFP MiniGbic WAN
- 2 SIM LTE WAN
- 1 Gigabit WAN
- 4 Gigabit LAN
- L2/L3 Switch/Router

ME- LTE Series S9960ME-4GE/LTE SFP SWITCH/ROUTER

Hardware Features

4 Gigabit Ethernet LAN
1 Gigabit SFP WAN (Gigabit Ethernet or Fiber Optic SFP)
(Optional) 1 SIM Slot GSM LTE (Active Backup), 1 GSM Module
(Optional) 2 LTE MIMO RP-SMA Antenna
2 Wi-Fi RP-SMA Antenna (2,4 GHz)
Component Level Industrial Design, convenient case, 1 USB 2.0

Wi-Fi Features

802.11b/g/n/ac (opt.) Wi-Fi (2.4GHz, opt. 5.8GHz), AP, receiver Ad-hoc, Repeater, Repeater Bridge mode, SSID, Wi-Fi WEP, WPA, WPA2 security, RADIUS authentication and MAC address filtering

VPN Features

PPTP, L2TP, EoGRE, OPENVPN, IPSEC ve GRE VPN

Routing Features

VRRP, VLAN, static and dynamic routing, OSPF, BGP, RIPv1, RIPv2
QoS (Quality of Service) ve Data Log

Management Features

Remote Management- Ricon Management System (RMS),
ZeroTouch installation with registered RiconAPP software,
WEB User Interface, CLI, SNMP, Telnet, SSH, TR-069

Other Features

400 Mbps Throughput
(OPTIONAL) LTE+/LTE/DC-HSDPA/HSDPA+/HSDPA/WCDMA/2G
Customizable software
Customizable design

ME8 Series S9960ME-8GE SFP SWITCH/ROUTER

OPTIONAL LTE

ME8 Series S9960ME-8GE/LTE SFP SWITCH/ROUTER



S9960ME-8GE
OPTIONAL LTE Cellular can be added
Fiber Optic Switch/Router
2 SFP MiniGbic WAN
1 Gigabit WAN
8 Gigabit LAN
L2/L3 Switch/Router

ME8 Series S9960ME-8GE SFP SWITCH/ROUTER

Hardware Features

8 Gigabit Ethernet LAN
2 Gigabit SFP WAN (Gigabit Ethernet or Fiber Optic SFP)
1 Wi-Fi RP-SMA Antenna (2.4GHz, optional 5.8GHz)
(Optional) 1 SIM Slot GSM LTE (Active Backup), 1 GSM Module
(Optional) 2 LTE MIMO RP-SMA Antenna
Component Level Industrial Design, Rugged high-strength IP30 metal case
Industrial power supply
1 USB 2.0

Wi-Fi Features

802.11b/g/n/ac (opt.) Wi-Fi (2.4GHz, opt. 5.8GHz), AP, receiver Ad-hoc, Repeater, Repeater Bridge mode, SSID, Wi-Fi WEP, WPA, WPA2 security, RADIUS authentication and MAC address filtering

VPN Features

PPTP, L2TP, EoGRE, OPENVPN, IPSEC ve GRE VPN

Routing Features

VRRP, VLAN, static and dynamic routing, OSPF, BGP, RIPv1, RIPv2
QoS (Quality of Service) ve Data Log

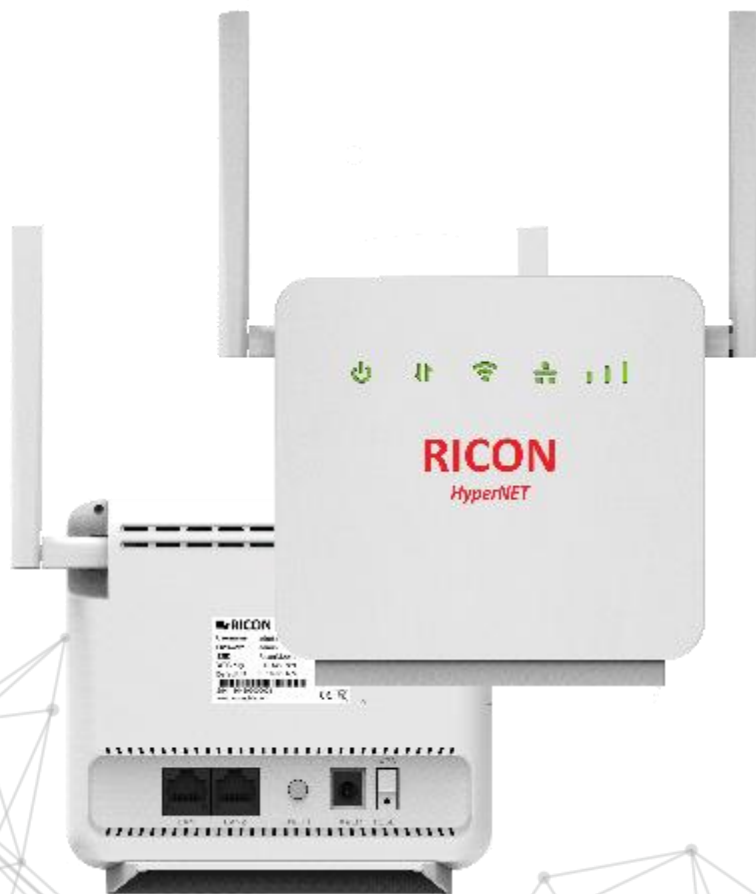
Management Features

Remote Management- Ricon Management System (RMS)
ZeroTouch installation with registered RiconAPP software
WEB GUI, CLI, SNMP, Telnet, SSH, TR-069

Other Features

400 Mbps Throughput
LTE+/LTE/DC-HSDPA/HSDPA+/HSDPA/WCDMA/2G
Customizable software
Customizable design

HYPERNET MODEL S9930-LTE ROUTER



S9930-LTE Router
1 SIM, 1 GSM WAN/LAN
1 Fast Ethernet LAN
L2/L3 Mobil Router
VLAN Support

HYPERNET MODELİ S9930-LTE ROUTER

Hardware Features

1 Fast Ethernet LAN (1 LAN/WAN Combo) (FastEthernet)
1 SIM Slot 1 GSM Module
LTE MIMO RP-SMA Antenna
2 Wi-Fi RP-SMA Antenna (2,4 GHz)
Component Level Industrial Design

Wi-Fi Features

802.11b/g/n Wi-Fi (2.4GHz), AP, receiver Ad-hoc, Repeater, Repeater Bridge mode, SSID, Wi-Fi WEP, WPA, WPA2 security, RADIUS authentication and MAC address filtering

VPN Features

PPTP, L2TP, EoGRE, OPENVPN, IPSEC ve GRE VPN

Routing Features

VRRP, VLAN, static and dynamic routing, OSPF, BGP, RIPv1, RIPv2
QoS (Quality of Service) ve Data Log

Management Features

ZeroTouch installation with registered RiconAPP software
WEB User Interface, CLI, SNMP, Telnet, SSH, TR-069

Other Features

Throughput Değeri 100 Mbps
LTE+/LTE/DC-HSD3PA/HSDPA+/HSDPA/WCDMA/2G
Customizable software
Customizable design

100



DSL SERIES SME S9980DSL-LTE SWITCH/ROUTER

Hardware Features

4 Gigabit Ethernet LAN
1 ADSL/VDSL bağlantı noktası WAN
1 SIM Slot GSM LTE (Active Backup), 1 GSM Module
2 LTE MIMO RP-SMA Antenna, 2 x Wi-Fi RP-SMA Antenna (2.4GHz, 5.8GHz)
1 Wi-Fi RP-SMA Antenna (2.4GHz, optional 5.8GHz)
1 USB 2.0
Component Level Industrial Design, Industrial IP30 Metal case

Wi-Fi Features

802.11b/g/n/ac (opt.) Wi-Fi (2.4GHz, opt. 5.8GHz), AP, receiver Ad-hoc, Repeater, Repeater Bridge mode, SSID, Wi-Fi WEP, WPA, WPA2 security, RADIUS authentication and MAC address filtering

VPN Features

PPTP, L2TP, EoGRE, OPENVPN, IPSEC ve GRE VPN

Routing Features

VRRP, VLAN, static and dynamic routing, OSPF, BGP, RIPv1, RIPv2
QoS (Quality of Service) ve Data Log

Management Features

Remote Management- Ricon Management System (RMS),
ZeroTouch installation with registered RiconAPP software
WEB User Interface, CLI, SNMP, Telnet, SSH, TR-069

Other Features

400 Mbps Throughput
LTE+/LTE/DC-HSDPA/HSDPA+/HSDPA/WCDMA/2G
Customizable software
Customizable design

5G SERIES S9955-5G/OUTDOOR OR INDOOR SWITCH/ROUTER



S9955-5G/ OUTDOOR OR INDOR MODEL
5G LTE Outdoor Switch/Router
1 Gigabit WAN
4 Gigabit LAN
2 SIM GSM 5G WAN
L2/L3 Switch/Router
Throughput 1.000 Mbps

5G SERIES S9955-5G/OUT SWITCH/ROUTER

Hardware Features

4 Gigabit Ethernet (3 LAN, 1LAN/WAN)
2 SIM Slot GSM 5G (Passive Backup), 1 GSM Module
5G/LTE MIMO RP-SMA Antenna
Wi-Fi RP-SMA Antenna 2.4GHz, optional 5.8GHz, optional GPS Antenna
2 Wi-Fi RP-SMA Antenna (2,4 GHz)
1 TF Slot, 1 USB2.0
Component Level Industrial Design, IP65 protection waterproof outdoor case

Wi-Fi Features

802.11b/g/n/ac (opt.) Wi-Fi (2.4GHz, opt. 5.8GHz), AP, receiver Ad-hoc, Repeater, Repeater Bridge mode, SSID, Wi-Fi WEP, WPA, WPA2 security, RADIUS authentication and MAC address filtering,

VPN Features

PPTP, L2TP, EoGRE, OPENVPN, IPSEC ve GRE VPN

Routing Features

VLAN, VRRP, static and dynamic routing, OSPF, BGP, RIPv1, RIPv2
QoS (Quality of Service) ve Data Log







Management Features

Remote Management- Ricon Management System (RMS),
ZeroTouch installation with registered RiconAPP software
WEB User Interface, CLI, SNMP, Telnet, SSH, TR-069

Other Features

1000 Mbps Throughput
5G/LTE+/LTE/DC-HSDPA/HSDPA+/HSDPA/WCDMA/2G
Customizable software
Customizable design

RICON PRODUCTS COMPARISON TABLE

Features	L ve M Series	ME Fiber Optic / LTE	HyperNet LTE	Ricon xDSL-LTE	5G Series	Competition Products
						
LTE /5G WAN	1 Or 2 LTE 4.5G	0 Or 1 LTE 4.5G	1 LTE 4.5G	1 LTE 4.5G	1 x 5G	1 LTE
Ethernet WAN	1 Fast Eth	1 GE /1 Or 2 SFP	1 Fast Eth (LAN)	1 Gigabit Eth	1 Gigabit Eth	1 Gigabit Eth
Alternative WAN	0	0	0	1 ADSL/VDSL	0	1 ADSL/VDSL
Fiber Optic LAN	0	1 SFP Or 2 SFP	0	0	0	0
LAN	4 Fast Eth	4 Or 8 Gigabit Eth	1 Fast Eth	4 Gigabit Eth	4 Gigabit Eth	4 Gigabit Eth
SIM	1 Or 2	0 Or 2	1	1	1	2
WiFi 5651 Logging Support	Evet	0	0	Evet	0	0
Througput	100 Mbps	1.000 / 2.000 Mbps	150 Mbps	400 Mbps	1.000 Mbps	80 Mbps
Number of Users	40	40	30	80	200	20
WI-FI Support	2.4G	2.4G ve 5.8G	2.4G	2.4G ve 5.8G	2.4G ve 5.8G	2.4G
VPN	IPSec VPN, GRE VPN, L2TP Client, VLAN	IPSec VPN, GRE VPN, L2TP Client, VLAN	0	IPSec VPN, GRE VPN, L2TP Client, VLAN	IPSec VPN, GRE VPN, L2TP Client, VLAN	IPSec VPN, GRE VPN, L2TP Client, VLAN
Temparature	-40 / +75	-40 / +75	-5 / +45	-35°/+75°	-40 / +75	0°/+40°
Installation	RMS, ZTP: Remote, Handfree Installation	RMS, ZTP: Remote, Handfree Installation	RMS, ZTP: Remote, Handfree Installation	RMS, ZTP: Remote, Handfree Installation	RMS, ZTP: Remote, Handfree Installation	WEB GUI, CLI, SSH
Packing and Clousere	Industrial Class IP64 metal dust proof clousure	Industrial Class IP64 metal dust proof clousure	IP64 plastic dust proof clousure	Industrial Class IP64 metal dust proof clousure	Industrial Class IP64 metal dust proof clousure	%100 Plasttic, Enduser built clousere and PCB
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years	1 Years
MTBF	34 Years	34 Years	34 Years	34 Years	34 Years	Unknown
Product/Spare Time	10 Years	10 Years	10 Years	10 Years	10 Years	Unknown
Chip SIM Support	Yes	Yes	Yes	Yes	Yes	No
Co-Branding	Customer Logo, Name	Customer Logo, Name	Customer Logo, Name	Customer Logo, Name	Customer Logo, Name	No
Customer Config in the FW	Yes	Yes	Yes	Yes	Yes	No
Management, Monitorins	RMS, ZTP, SNMP, Otomatic	RMS, ZTP, SNMP, Otomatic	TR69, SNMP	RMS, ZTP, SNMP, Otomatic	RMS, ZTP, SNMP, Otomatic	SNMP
Ricon Super DNS Forwarding	Yes	Yes	No	Yes	No	No



RMS REMOTE MANAGEMENT PLATFORM

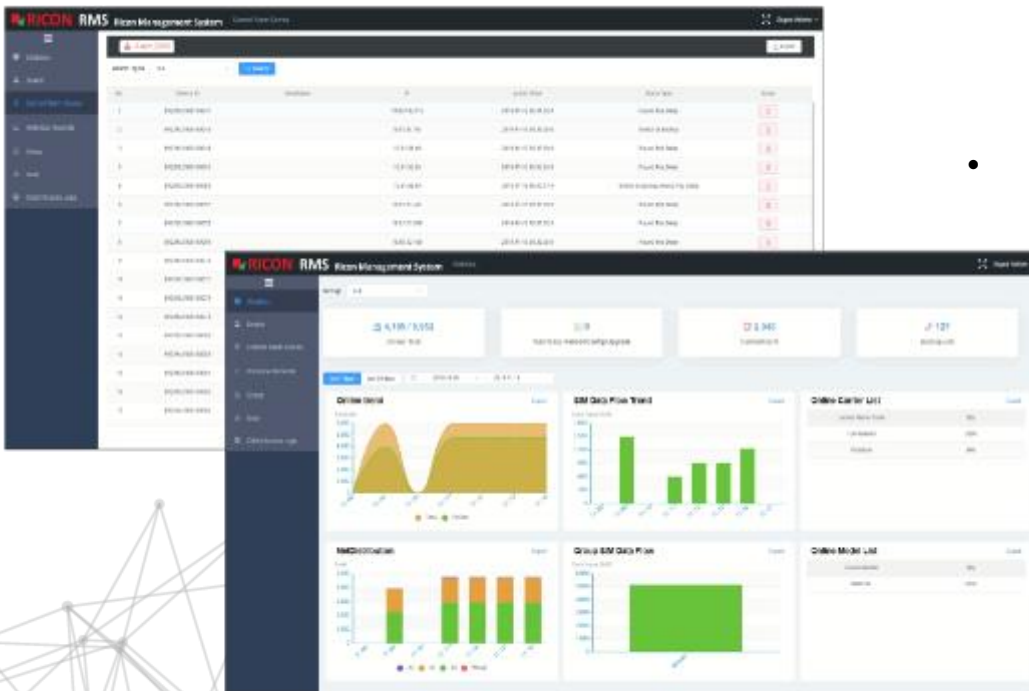
RMS - Ricon Management System is where the managing power of RICON 4.5 / 5G routers and Smart IoT technology come together. RMS - Ricon Management System can be accessed remotely from anywhere on the Cloud. It allows the user to evaluate, identify, manage, check and solve any problem in a very short time. It can manage devices individually, in groups or regions remotely. With RICON RMS, all RICON products on the network can be accessed instantly from the web environment, actual statistics and historical reports can be created.

RMS is a powerful tool to quick deploy, push installation configuration files, push new firmware updates and request data logs to identify past problems about any data log on the devices.

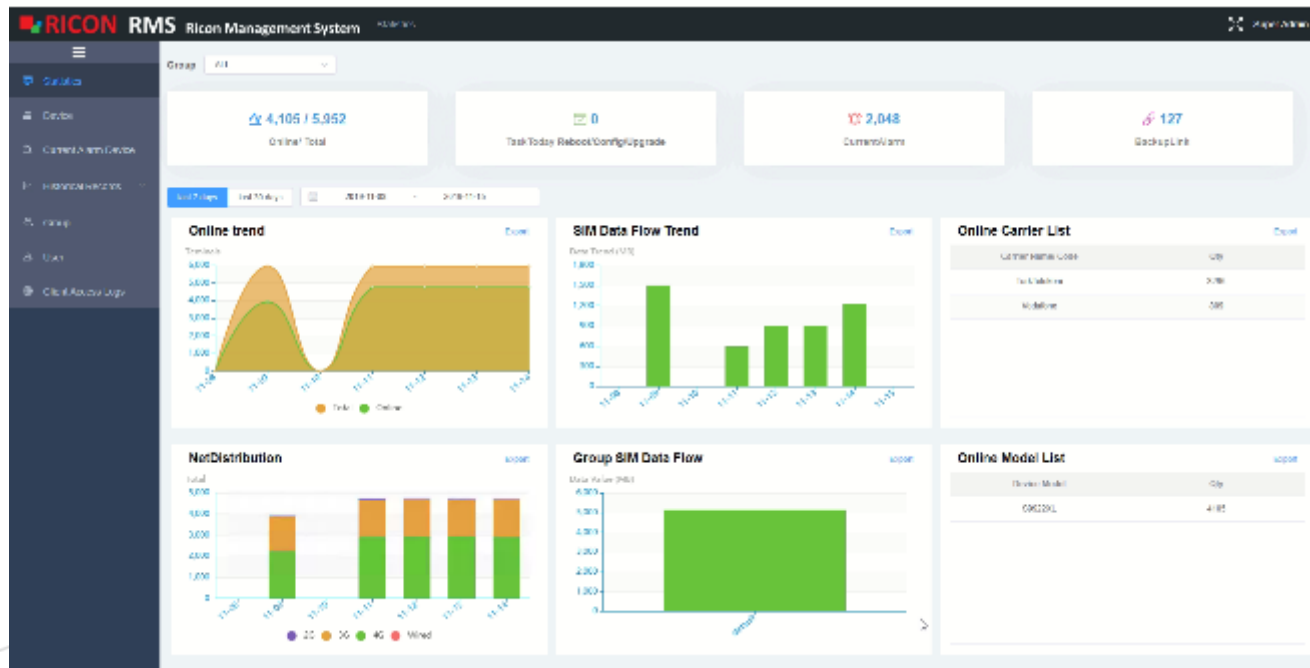
RMS REMOTE MANAGEMENT PLATFORM

RMS RICON Management System Features

- Zerotouch support developed by Ricon
 - Remote configuration with ZeroTouch
 - Installation date and time reports
- Monitoring base station connection details for the operator's network
 - Group-based tracking by creating device groups according to the company hierarchy
- Remote configuration to all devices registered in the RMS system
 - Scheduled remote configuration by specifying date and time
 - Scheduled installation support for Upgrade / Downgrade
 - Updating multiple terminal configurations simultaneously
 - Setting customized SLA alert thresholds
 - Monitoring SLA-based live alarms
 - Monitoring live connection information
 - Creating and viewing live reports
- Monitoring detailed data flow information of terminals
 - Trend analysis, detailed data flow reports of terminals
 - Generating terminal alarms reports for trend analysis
 - Inventory list live tracking
 - Tracking mobile data usage reports



RMS RICON MANAGEMENT SYSTEM



Statistics Module

On the RMS Statistics module, you can view weekly and monthly connection and SIM data flow trend of the devices registered in RMS, offline operator list, net signal (2G, 3G, 4G, 5G) distribution, SIM data flow in groups and online device models on the dashboard. You can make historical analyzes and define alarms.

RMS RICON MANAGEMENT SYSTEM

ID	Name	Device	Status	IP	Model	Software	Signal dBm	Signal Type	SIM Card	Operator Name	Running Time	Loss of Packet	RMS Devices
1	REDIG-001	REDIG-001	Online	192.168.1.1	REDIG-001	REDIG-001	-100	REDIG-001	SIM1	REDIG-001	10:00:00	0%	REDIG-001
2	REDIG-002	REDIG-002	Online	192.168.1.2	REDIG-002	REDIG-002	-100	REDIG-002	SIM1	REDIG-002	10:00:00	0%	REDIG-002
3	REDIG-003	REDIG-003	Online	192.168.1.3	REDIG-003	REDIG-003	-100	REDIG-003	SIM1	REDIG-003	10:00:00	0%	REDIG-003
4	REDIG-004	REDIG-004	Online	192.168.1.4	REDIG-004	REDIG-004	-100	REDIG-004	SIM1	REDIG-004	10:00:00	0%	REDIG-004
5	REDIG-005	REDIG-005	Online	192.168.1.5	REDIG-005	REDIG-005	-100	REDIG-005	SIM1	REDIG-005	10:00:00	0%	REDIG-005
6	REDIG-006	REDIG-006	Online	192.168.1.6	REDIG-006	REDIG-006	-100	REDIG-006	SIM1	REDIG-006	10:00:00	0%	REDIG-006
7	REDIG-007	REDIG-007	Online	192.168.1.7	REDIG-007	REDIG-007	-100	REDIG-007	SIM1	REDIG-007	10:00:00	0%	REDIG-007
8	REDIG-008	REDIG-008	Online	192.168.1.8	REDIG-008	REDIG-008	-100	REDIG-008	SIM1	REDIG-008	10:00:00	0%	REDIG-008
9	REDIG-009	REDIG-009	Online	192.168.1.9	REDIG-009	REDIG-009	-100	REDIG-009	SIM1	REDIG-009	10:00:00	0%	REDIG-009
10	REDIG-010	REDIG-010	Online	192.168.1.10	REDIG-010	REDIG-010	-100	REDIG-010	SIM1	REDIG-010	10:00:00	0%	REDIG-010

Devices Module

You can monitor as a table for connection status (online / offline) of devices registered in RMS, device ID, host name, IP, model, software version, signal dBm value, signal type, which SIM card it connects to (SIM1 / SIM2), operator name, how long the device has been running, loss of packet in percentage on RMS Devices module.

ID	Name	Device	Status	IP	Model	Software	Signal dBm	Signal Type	SIM Card	Operator Name	Running Time	Loss of Packet	RMS Devices
1	REDIG-001	REDIG-001	Online	192.168.1.1	REDIG-001	REDIG-001	-100	REDIG-001	SIM1	REDIG-001	10:00:00	0%	REDIG-001
2	REDIG-002	REDIG-002	Online	192.168.1.2	REDIG-002	REDIG-002	-100	REDIG-002	SIM1	REDIG-002	10:00:00	0%	REDIG-002
3	REDIG-003	REDIG-003	Online	192.168.1.3	REDIG-003	REDIG-003	-100	REDIG-003	SIM1	REDIG-003	10:00:00	0%	REDIG-003
4	REDIG-004	REDIG-004	Online	192.168.1.4	REDIG-004	REDIG-004	-100	REDIG-004	SIM1	REDIG-004	10:00:00	0%	REDIG-004
5	REDIG-005	REDIG-005	Online	192.168.1.5	REDIG-005	REDIG-005	-100	REDIG-005	SIM1	REDIG-005	10:00:00	0%	REDIG-005
6	REDIG-006	REDIG-006	Online	192.168.1.6	REDIG-006	REDIG-006	-100	REDIG-006	SIM1	REDIG-006	10:00:00	0%	REDIG-006
7	REDIG-007	REDIG-007	Online	192.168.1.7	REDIG-007	REDIG-007	-100	REDIG-007	SIM1	REDIG-007	10:00:00	0%	REDIG-007
8	REDIG-008	REDIG-008	Online	192.168.1.8	REDIG-008	REDIG-008	-100	REDIG-008	SIM1	REDIG-008	10:00:00	0%	REDIG-008
9	REDIG-009	REDIG-009	Online	192.168.1.9	REDIG-009	REDIG-009	-100	REDIG-009	SIM1	REDIG-009	10:00:00	0%	REDIG-009
10	REDIG-010	REDIG-010	Online	192.168.1.10	REDIG-010	REDIG-010	-100	REDIG-010	SIM1	REDIG-010	10:00:00	0%	REDIG-010

Current Alarm Device Module

According to the alarm scenarios created for the devices registered in RMS; You can view information such as device ID, host name, IP, alarm time and alarm type on the table.

MAJOR CLIENTS

INDITEX



Telefonica



BBVA

İŞBANK

Türk Telekom



A.101

MAJOR PROJECTS

Major projects and applications include:

- Min. 10,000 location each small and medium shop retailers. LCW, Koton, Zara, Zara Home.
- GE and Siemens Healthcare MRI and X-Ray remote control devices in thousands of hospitals
- 50,000 ATM machines for several banks in Spain and Turkey
- Failover devices for mid-size and big retailers. A101 and SOK
- Vending machines, ticketing machines for buses, metro or theatres, mail drop-box applications
- Several lottery businesses in multiple countries. IGT/GTECH, Scientific Games.

1 | A101 MARKETS SUCCESS STORY



Topic of Case Study

A101 markets have reached more than 10,000 stores since the day they were founded in 2008. In order to provide data and voice connections with the center, it has contributed to its rapid growth with mobile internet instead of terrestrial internet. After Ricon devices deployed\ the time to open a new A101 Store has decreased from a few weeks to 1 day. At the same time, connection failures has decreased to zero, increasing the efficiency.

With its industrial durability and software features, Ricon S9920V and S9922XL products has sent to all A101 stores; with the basis of automatic installation by plugging Ricon devices into the electrical outlet by the store employees, without sending any pre-configuration with SIM cards, without the need for technical field staff to install.

Project Steps

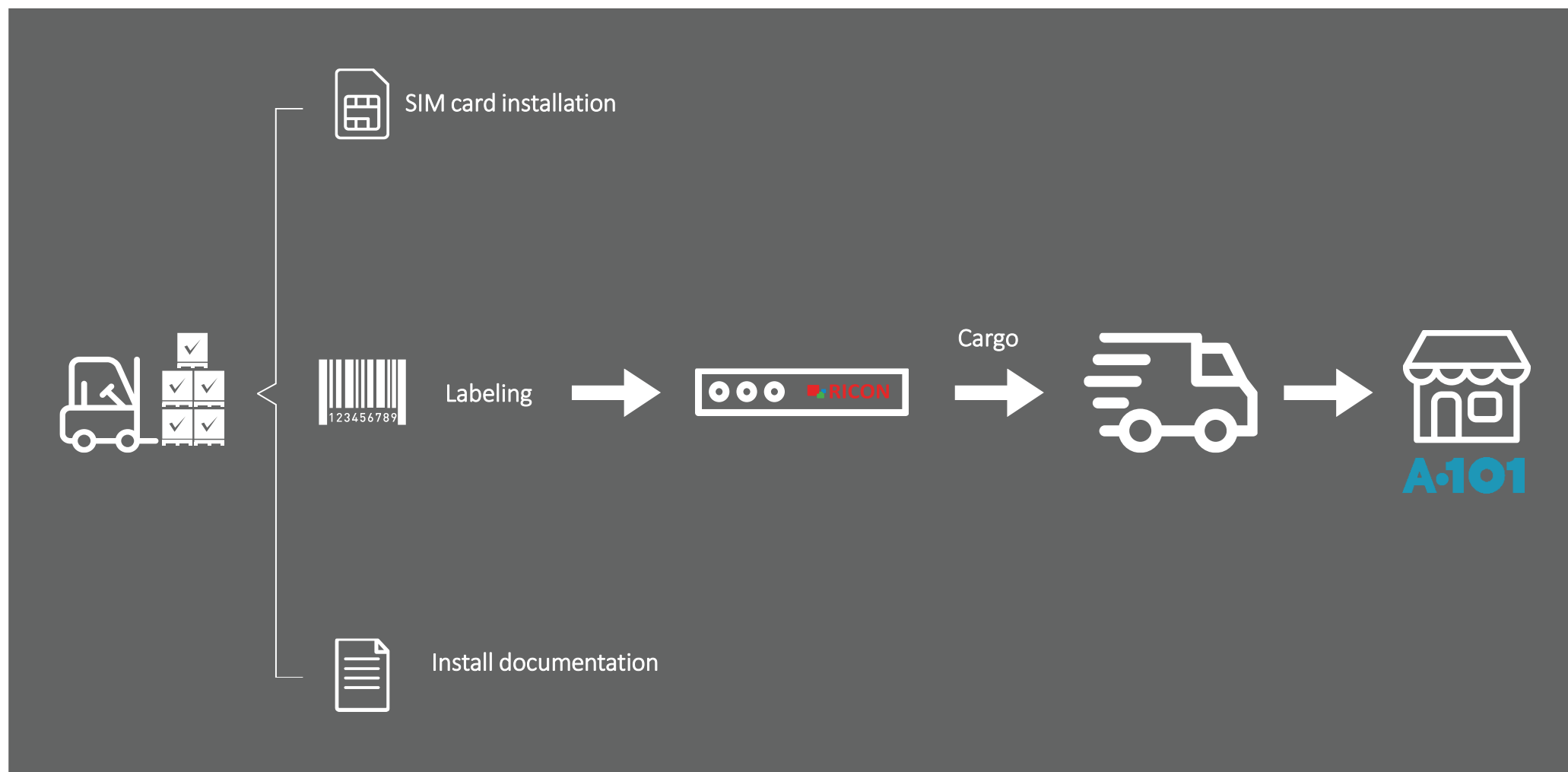
Spintek warehouse sends the products to the relevant store. Within RMS, a different or the same A101 installation package is installed for each store. Using the Ricon Zero Touch Provisioning (ZTP) feature; Installation starts automatically by plugging the device to the electric socket and the Ethernet cable to the corresponding switch. The device reports to Ricon RMS, asks for the configuration of the relevant store and starts working by restart after installation until completed.

Facts

The necessity of visiting the store of the field team for failure has prevented. Store opening times, delays due to wiring has prevented. Communication costs have decreased significantly. Thanks to Ricon routers and RMS QoS reports, quality could be measured, reported and operator service quality increased and SLA agreements could be controlled. With the total cost saved, 300 new stores can be opened annually!

1 | A101 MARKETS SUCCESS STORY

A101



2

MİLLİ PİYANGO-LOTO PROJECT SUCCESS STORY



Topic of Case Study

Turkish National Lottery has decided to use Ricon routers in 6,000 locations in order to optimize the system efficiency which was completed in 2012 in Turkey. The project includes the live monitoring of devices and reporting the sales amounts by connecting the Ricon S9922-3G Router (S9922XL-LTE model was used in the project, which was completely renewed in 2020) to the terminal devices at the National Lottery dealer.

Project steps

Within the scope of the project, Ricon S9922-LTE products were prepared at the Spintek warehouse by installing 2 SIM cards and labeling them. The SIM cards were activated in connection type, working on both "internet" and "mpprod2" APNs during the installation. For uninterrupted connection, more than 6,000 lotto connections are works with two different operators with 2 different SIM cards. The Ricon Routers prioritizes the efficiency which guarantees the operator connections at all times and our product has been operating for 9 years in these locations.

Facts

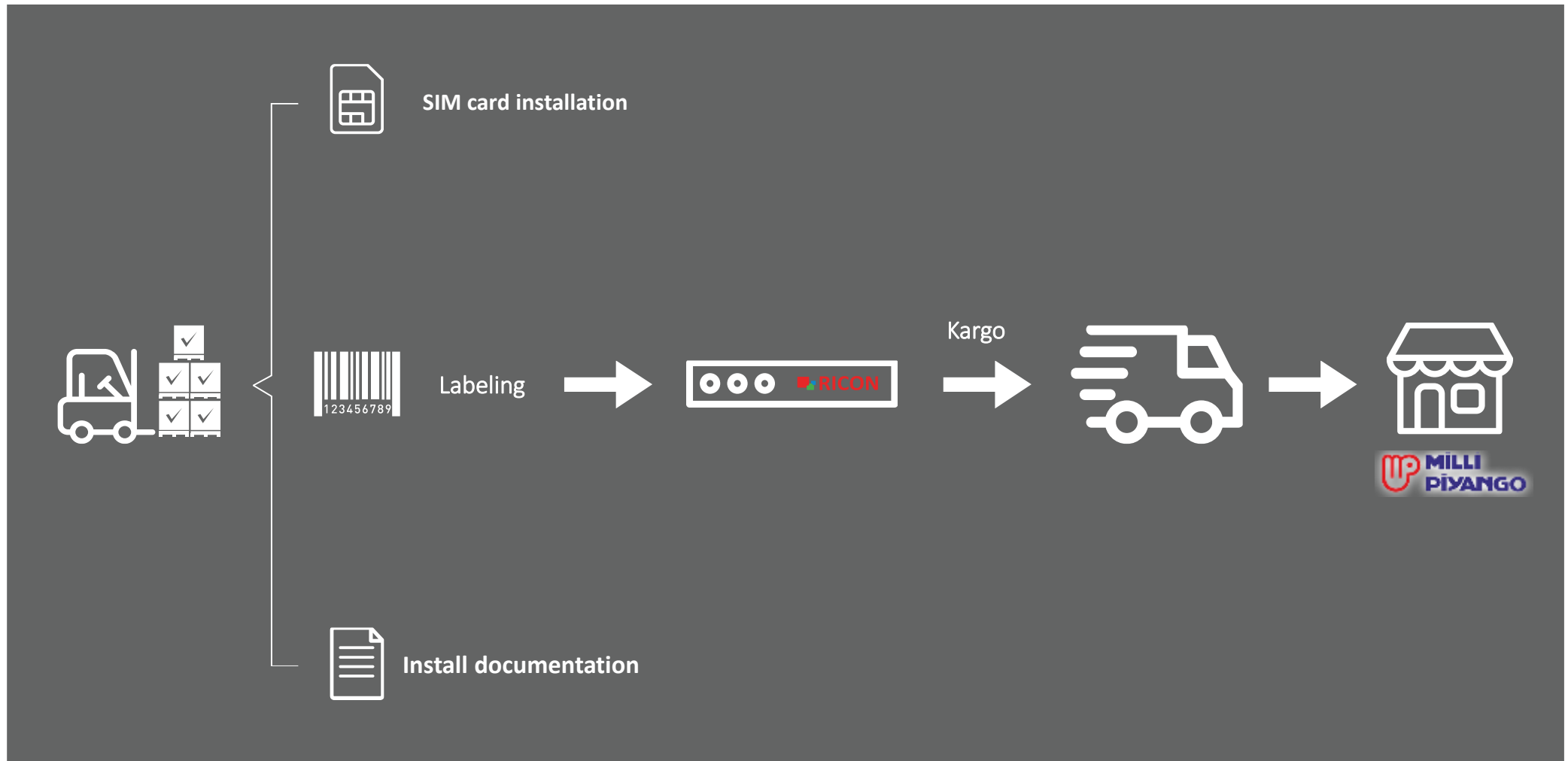
Thanks to the untouched installation, a huge amount of savings has also been provided and IT staff does not need to go to 6,000 dealers. The software updates and failures of the Lotto terminals were instantly resolved by remote connections.

Backup system with two operators ensured connection continuity.

Thanks to Ricon brand devices with high durability and long warranty, it can be used for more than 10 years without changing the device and reduced investment costs.

2

MİLLİ PİYANGO-LOTO PROJECT SUCCESS STORY



3

TURKEY'S MINISTRY OF EDUCATION SUCCESS STORY



Topic of Case Study

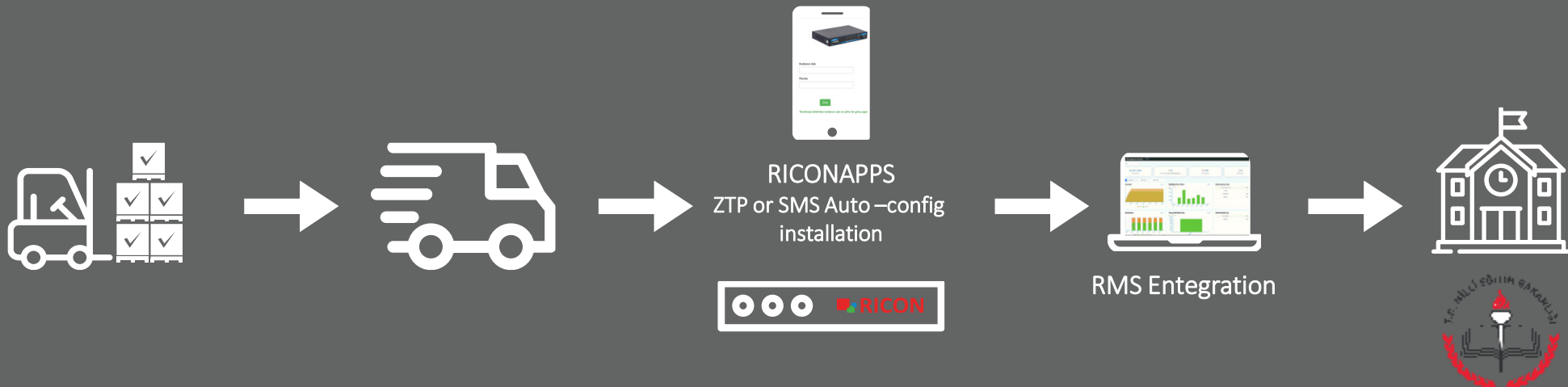
Turkey's Ministry of Education implemented secure internet connection project all over the country with 3 Mobile Operators and chose to use S1000-MEB Router, which was specially designed and manufactured by Ricon Mobile. At the first stage of the project Ricon S1000-MEB routers provided broadband internet infrastructure in 4.000 locations.

Project Steps

Without any pre-configuration Ricon S1000-MEB products have been sent to schools in different provinces of Turkey. Ricon products are configured automatically with Ricon RMS platform after connecting to the electrical outlet and installing SIM cards by a staff at the location. RICONAPPS, the Zero Touch Provisioning application developed by Ricon, was used for the project. All configurations are uploaded to the devices via RICONAPPS without the need to connect via a computer. The management module Ricon RMS logs the devices which operator is connected, the quality of the signal and internet bandwidth and all the QoS communication parameters of the Router.

3

TURKEY'S MINISTRY OF EDUCATION SUCCESS STORY



4

MİLLİ PİYANGO-SPOR TOTO İDDAA PROJECT SUCCESS STORY

ŞANS GİRİŞİM



Proje Topic of Case Study

Iddaa, the official game of Spor Toto Organization decided to use Ricon S9922XL-LTE Router products for the betting machine located in 6,000 locations using 2 different Operators network with backup.

Thanks to Ricon technology live monitoring of terminal devices and instant sales amount reporting targeted at the dealer locations.

Project Steps

The project was carried out on the basis of the automatic installation of Ricon Zero Touch Provisioning by sending the S9922XL-LTE Router products to all Iddaa terminals without any pre-configuration on the devices with 2 SIM cards inside.

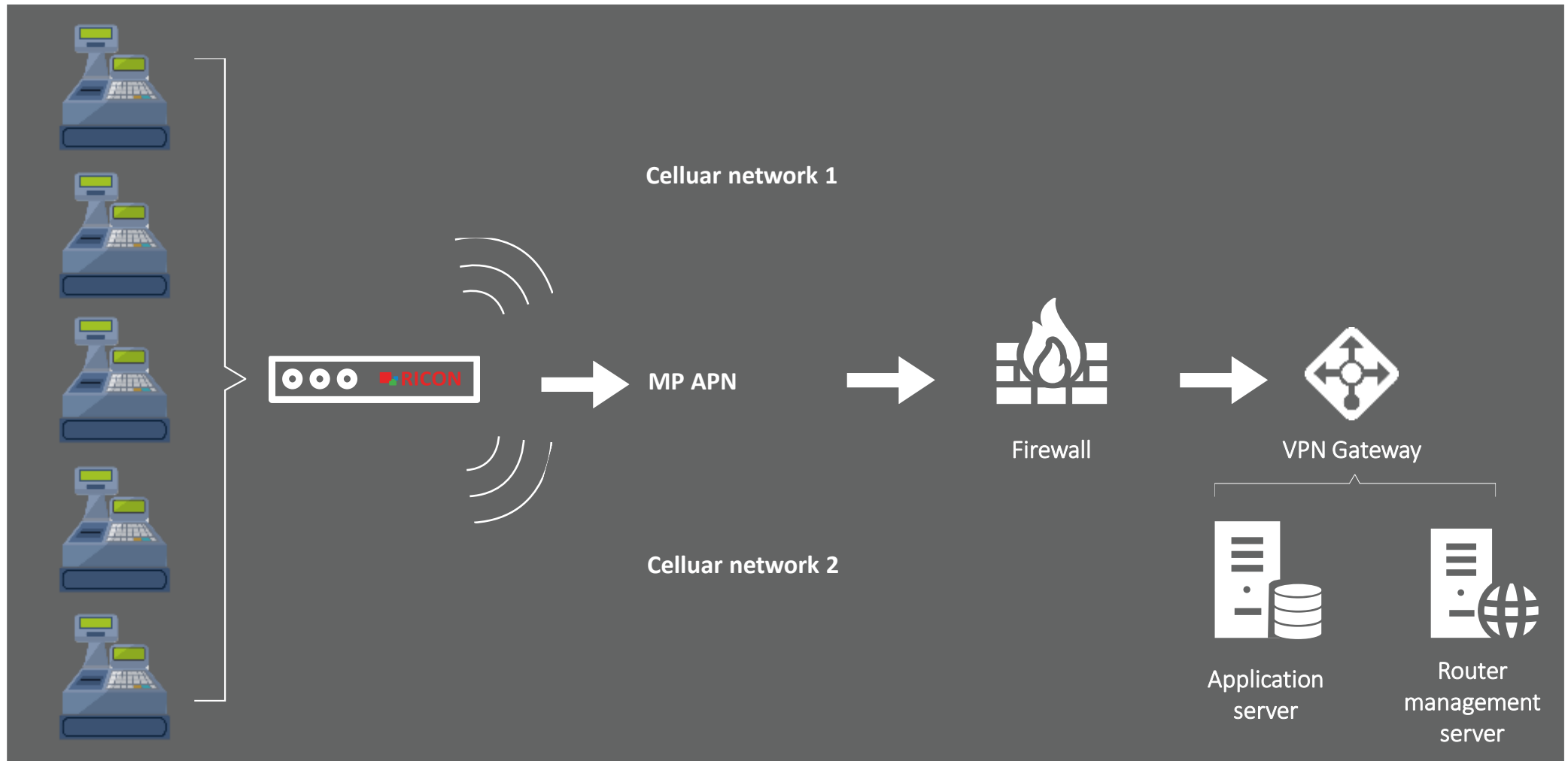
The process is completed by uploading the master configuration which is created according to the parameters determined by Şans Girişim to the Ricon RMS and the installation starts automatically, by downloading the master configuration to Ricon devices.

The Facts

Lotto Terminals can be monitored online / Installation costs are eliminated
Configs can send to the terminals / Field service cost decreases for failures
Reduced cartridges are shipped automatically / Can locate the dealers
The machines are being watched live with their machines off
Communication costs are very low / Can see instant sales amounts

4

MİLLİ PİYANGO-SPOR TOTO İDDAA PROJECT SUCCESS STORY **ŞANS GİRİŞİM**



5

DYO DEALER MACHINE AUTOMATION SUCCESS STORY



Topic of Case Study

DYO is aiming remotely manage thousands of color production in color mixing machines in the branches and the dealers within the scope of the coloring system project called "Color Spring" (Spring of Colors). It is also aimed to automatically load continuously changing color codes, formulas, and price information on the machines in branches.

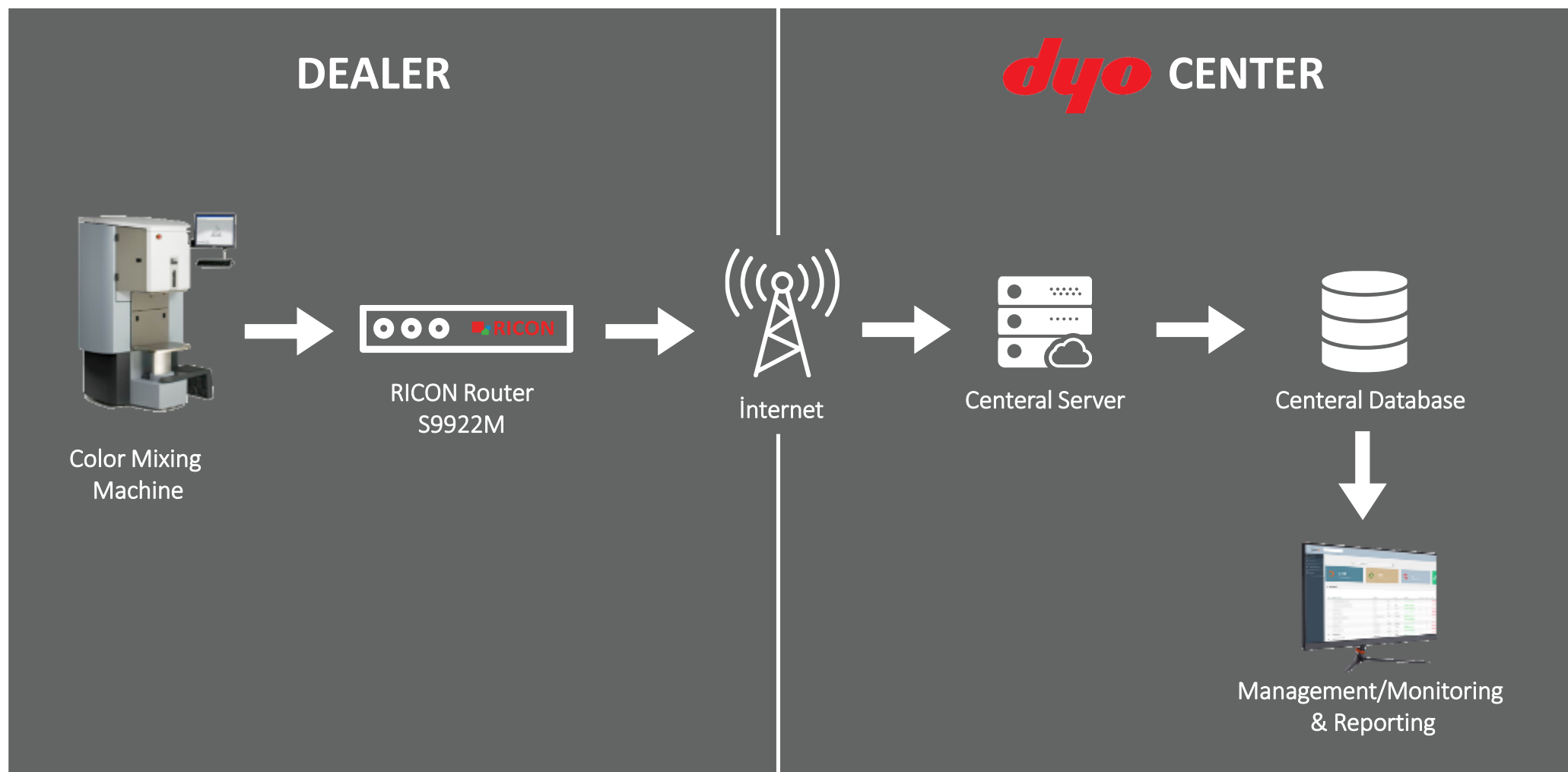
Project Steps

With using Ricon Mobile S9922M2 Routers in 4500 DYO color mixing machines; It is provided to update the desired paint color codes, machine settings, stock status of the cartridges and prices of the products instantly from the center. The frequency of use of color mixing machines, open and closed or malfunction status can be monitored live, the performance of the dealer, the machine is kept in good conditions and the necessary interventions are made instantly.

The Facts

Can monitor paint machines online / Can send new configs to machines
Sending new color recipe to machines / Field service cost decreases for failures
Automatic shipment is made for low cartridges / Watching the dealer closing the machines online
Can see instant consumption and sales / Tracking paint machine inventory

5 | DY0 DEALER MACHINE AUTOMATION SUCCESS STORY *dyo*



6

TEB ATM PROJECT SUCCESS STORY



Topic of Case Study

Turkey Economy Bank 1.100 links by replacing the existing Rico S9922XL-LTE Router to the ATM machine located in different locations, which provide both ease of operation and reduced maintenance costs and communication. With the ease of remote management, industrial level quality and high software feature of Ricon products, ATMs have increased their service quality.

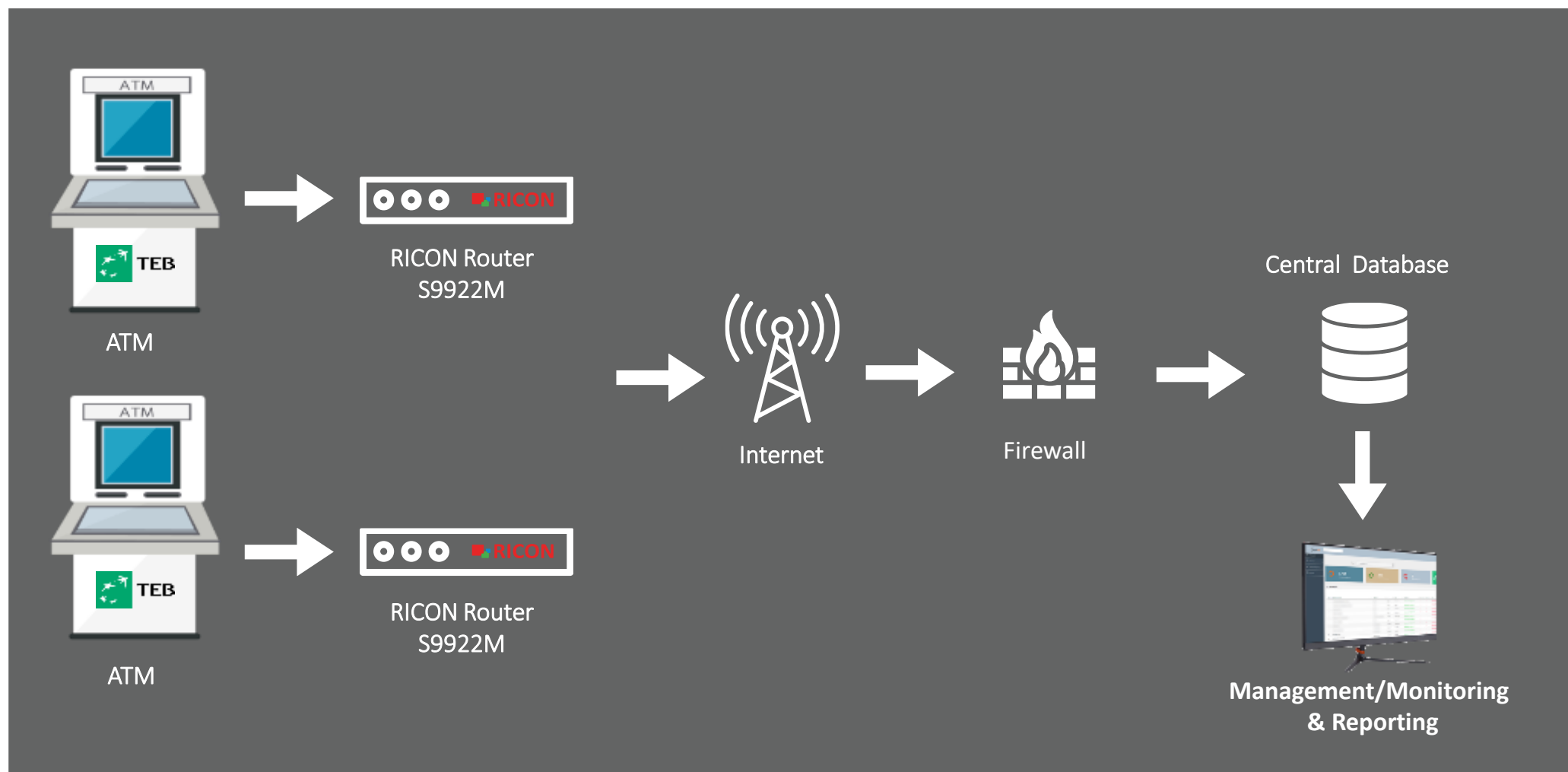
Project Steps

By inserting it into ATM cards, he shipped the SIM cards. Ricon is under automatic installation systems.
With the central management system RMS, settings were made to examine instant and retrospective reports.

Facts

Installation costs are eliminated / Can send new configs to machines
Field service cost decreases for failures / Operator backup on the same device
Helps to relocate the ATMs / Communication costs decreases
Instant safe communication / Industrial level device quality
Can report QoS levels from logs / Can get online or historical reports

6 | TEB ATM PROJECT SUCCESS STORY





THANKS

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