

RCMS

RCMS Advanced Konfigürasyon

GSL

RCMS Advanced RobustVPN Kurulum Adımları

1. Robustel'e herhangi bir kaynaktan "Sim kart, Lokal hat veya Wifi" internet sağlamak.
2. Robustel Router'larınızı RCMS'e eklemek.
3. RobustVPN yazılımını RCMS üzerinden indirilip bilgisayarınıza kurmak.

RCMS'e Cihaz Ekleme

The screenshot displays the Robustel web interface for configuring the RCMS (Remote Configuration Management System). The interface is divided into several sections:

- General Settings:**
 - Enable RCMS: ON
 - Enable RobustLink: ON
 - Enable RobustVPN: ON
 - Paho log detail enable: OFF
 - RCMS Environment: Custom
 - RCMS URL or IP: rcms-cloud.robustel.net
 - Port: 443
- Data Management:**
 - KeepAlive: 600
 - Dynamic Report Capture: 60min
 - Dynamic Report Upload: 60min
 - GPS Reporting Settings: On GPS co-ordinate
 - GPS Distance Threshold: 20
- Ping Settings:** (Section header visible)

The interface also includes a navigation menu on the left with options like Status, Interface, Network, VPN, Services, Edge2Cloud, and System. At the top right, there are links for 'Save & Apply', 'Reboot', and 'Logout'. A warning message at the top states: 'It is strongly recommended to change the default password.'

- ✓ Robustel web arayüzünden RCMS aktif hale getirilir. "Fabrika ayarlarında aktif gelmektedir."

RCMS'e Cihaz Ekleme

The screenshot displays the RobustLink RCMS portal interface. The left sidebar contains navigation options: Dashboard, Add/Remove Devices (highlighted), View All Devices, Device Groups, Device Locations, Device Templates, Custom Reports, User Activity Log, View Alert Emails, and Device Tags. The main content area shows a table of devices with columns for SN, Device, Created Time, Tags, and Action. An 'ADD' modal is open, showing the following fields:

- * SN: [Text input field]
- * MAC/IMEI: [Dropdown menu with 'Please select to enter MAC or IMEI']
- [Text input field with placeholder 'Please enter MAC or IMEI']
- * Device Name: [Text input field]
- * Device Area: [Dropdown menu with 'East Asia 2']
- DeviceOS: ROS NON ROS
- Device Tag: [Dropdown menu with 'up to five tags']
- Device Desc: [Text area with '0/200' and 'Maximum of 200 words']

SN	Device	Created Time	Tags	Action
1	05670321110064	Istanb		[Trash] [Edit]
2	05670321111143	GSL-4		[Trash] [Edit]
3	05670321111213	ogm		[Trash] [Edit]
4	04870121020401	baris		[Trash] [Edit]
5	02572020120476	Optim		[Trash] [Edit]
6	05670321020179	R1520		[Trash] [Edit]
7	05670321020162	R1520		[Trash] [Edit]
8	05670321020161	R1520		[Trash] [Edit]
9	02540120100244	R3000		[Trash] [Edit]
10	02540120100235	I3h - p		[Trash] [Edit]
11	06170220120003	R1511		[Trash] [Edit]

✓ RCMS portal (<https://rcms-cloud.robustel.net/rcms>) "add/remove device" kısmından cihaz bilgileri ile (seri numarası/MAC adresi) cihaz eklenir.

RobustVPN kurulumu

The screenshot displays the RobustVPN management interface. The top navigation bar includes links for RobustLink, RobustVPN, Distributor Console, App Center, Support, and Account. The left sidebar shows navigation options like Dashboard, View All Devices, and Manage VPN Groups. The main content area features a 'CREATE' button and a summary card for 'Ungrouped' devices, showing 4 total VPN enabled devices. A 'CREATE GROUP' dialog box is open, allowing the user to configure a new VPN group. The dialog includes fields for Group Name, Encryption Methods, VPN Region, and Group Type. The 'Group Type' section has two options: 'Virtual IP only' (selected) and 'Virtual IP + pushed Subnet'. Below the dialog, there are tabs for 'Assign Device' and 'Assign Users', and a table with columns for SN, Device Name, and Model.

- ✓ VPN kurulumu için RCMS RobustVPN kısmından yeni bir VPN grubu yaratılır.

RobustVPN Grup Seçenekleri

✓ **Virtual IP Only:**

- VPN'i sanal ipler üzerinden kurup, Robustel ve arkasına bağlı cihazları dilediğiniz IP grubuna alabilirsiniz.
- Port yönlendirme veya "**End Device**" seçeneğiyle Lokal haberleşme kurulabilir.

✓ **Virtual IP + Pushed Subnet:**

- VPN üzerinden Robustel ve arkasına bağlı cihazlara otomatik olarak (DHCP) IP ataması yapıp, lokal haberleşme kurmaktadır.

Virtual IP Only

The image shows a screenshot of the RobustVPN web interface. The main dashboard displays 'TOTAL VPN ENABLED DEVICES: 1' and 'VPNS CONNECTED: 1'. A table lists devices with columns for '#', 'Device Name', and 'End Device IP'. A modal form titled 'ADD END DEVICE' is open, featuring a tip: 'Tip: Make sure the end device IP is in the same network segment as gateway's LAN IP'. The form includes input fields for 'Device Name' (0/50), 'End Device IP' (with four separate boxes), and 'Description' (0/500). 'SAVE' and 'CANCEL' buttons are at the bottom right.

#	Device Name	End Device IP
1	Nport	192.168.0.150

Tip: Make sure the end device IP is in the same network segment as gateway's LAN IP

Device Name 0/50

* End Device IP . . .

Description 0/500

SAVE CANCEL

- ✓ END Device Management kısmından VPN kurulacak cihaz RCMS'e eklenir.

Virtual IP + Pushed Subnet

RobustVPN

- Dashboard
- VPNS
 - View All Devices
 - Manage VPN Groups
- Maintenance
 - Activity Log
 - View Alert Emails

Dashboard x View All Devices x Manage VPN ... x Bölge 1 x

TOTAL VPN ENABLED DEVICES 5

VPNS CONNECTED 1

VPNS DISCONNECTED 4

USERS 2

Information **Devices** Users Settings Alerts Connectivity Logs

ADD REMOVE INITIALIZE DATA LIMIT Search SN, Name, IP, SubNet, Adc

#	VPN Status	SN	Device Name	Virtual IP	SubNet Address	Total VPN Data	Last Connected Date	Initialization Status	Monthly VPN Data	RVPN Data Limit	License	Tags	Connect VPN
1		05670321111132	Osis	10.10.64.134	192.168.10.96/28	2.203 MB	2022-12-05 13:33:12	Success	2.21MB		Advanced	Ofis	<input checked="" type="checkbox"/>
2		02540120100235	I3h - palgaz iade	10.10.64.131	192.168.10.48/28	2.270 MB	2021-02-09 17:58:42	Success	0B		Basic		<input type="checkbox"/>

- Robustel'in belirlediği IP Subnet'i, sahadaki cihazlara sırasıyla RCMS üzerinden gönderilir.

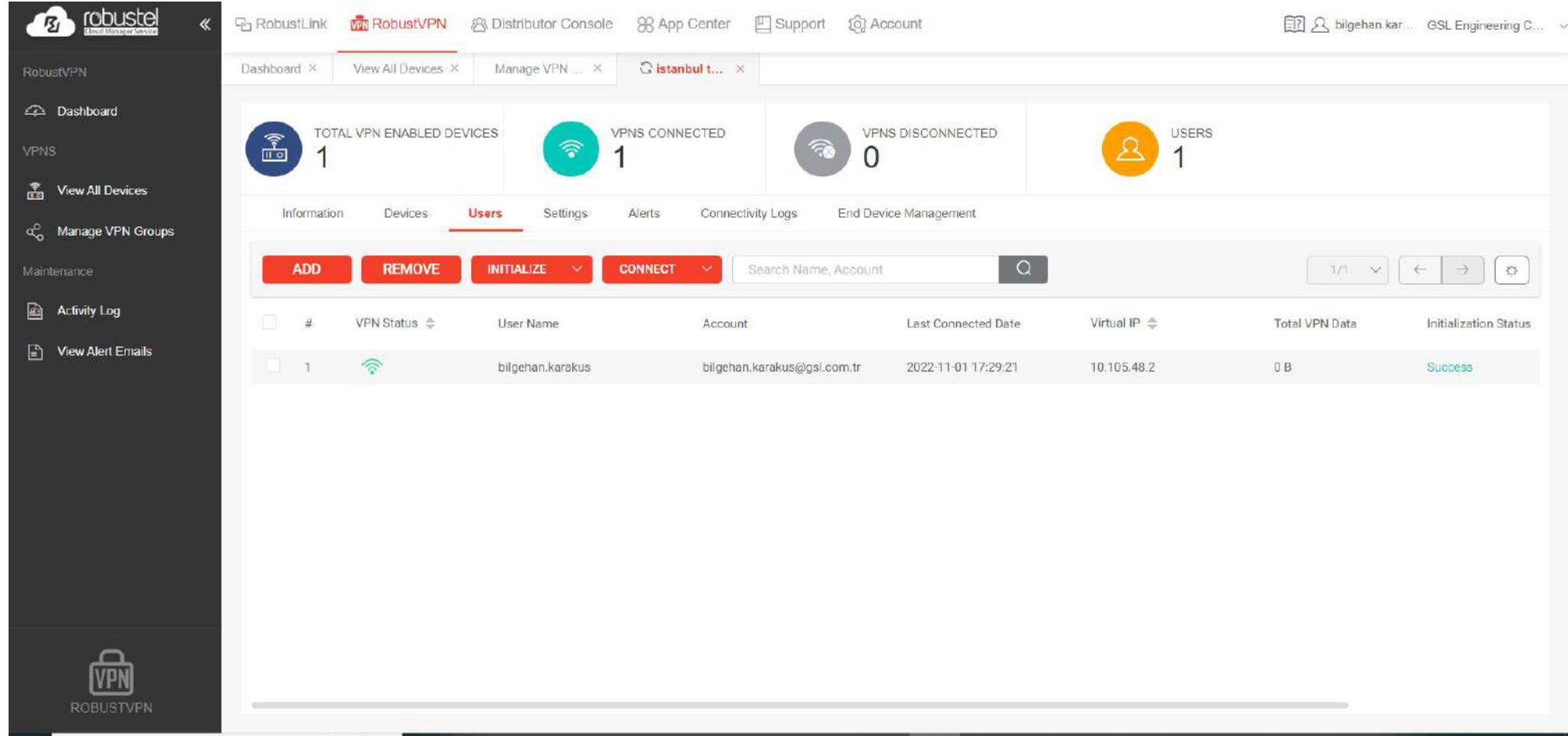
Cihazı Bir Gruba Atama

The screenshot shows the RobustLink web interface. The sidebar on the left contains navigation options: RobustLink, Dashboard, Devices, Add/Remove Devices, View All Devices, Device Groups (highlighted), Device Locations, Device Templates, Custom Reports, Maintenance, User Activity Log, View Alert Emails, and Device Tags. The main content area displays a grid of device groups. The groups are: Ungrouped (created by Goklug on 2019-07-10 14:18:12), ISTANBUL TEST (created by bilgehan karakus on 2022-11-01 17:04:15), TRENDYOL-TEST (created by mustafa gokcel on 2021-07-27 10:21:59), and GSL İstanbul (created by Erdi on 2020-03-02 22:28:34). Each group has a table showing counts for different device types (represented by icons) and a clock icon.

1 | | Registered | 05670321110064 | istambul ofis test_aycin | R1520-4L (S) | WWAN1 | ISTANBUL TEST | router | Unknown

- ✓ Cihaz, belirleyeceğiniz bir gruba atanır. Gruba atandıktan sonra "registered" olur.

RobustVPN kurulumu



The screenshot displays the RobustVPN management dashboard. The top navigation bar includes links for RobustLink, RobustVPN, Distributor Console, App Center, Support, and Account. The user profile is identified as bilgehan.kar... from GSL Engineering Co... The dashboard features four key metrics: TOTAL VPN ENABLED DEVICES (1), VPNS CONNECTED (1), VPNS DISCONNECTED (0), and USERS (1). The 'Users' tab is active, showing a table with one user entry. The table columns are: #, VPN Status, User Name, Account, Last Connected Date, Virtual IP, Total VPN Data, and Initialization Status. The user listed is bilgehan.karakus with account bilgehan.karakus@gsl.com.tr, last connected on 2022-11-01 17:29:21, virtual IP 10.105.48.2, and 0 B of data, with a 'Success' initialization status. Action buttons (ADD, REMOVE, INITIALIZE, CONNECT) and a search bar are visible above the table.

#	VPN Status	User Name	Account	Last Connected Date	Virtual IP	Total VPN Data	Initialization Status
1	📶	bilgehan.karakus	bilgehan.karakus@gsl.com.tr	2022-11-01 17:29:21	10.105.48.2	0 B	Success

✓ Users kısmından istenilen kullanıcılar ilgili VPN grubuna eklenir.


RobustVPN PC Kurulumu

The screenshot shows the RobustVPN portal interface. The top navigation bar includes links for RobustLink, RobustVPN, Distributor Console, App Center, Support, and Account. The left sidebar contains links for Support, OpenAPI, Release Notes, FAQ, and Resources. The main content area displays a list of resources under the 'Resources' tab. The list includes a search bar and a table with columns for File Name, Size, and Last Edit Time. The 'RVPN Manager' file is circled in red.

	File Name	Size	Last Edit Time
<input type="checkbox"/>	1 Marketing Collateral	104.602 MB	2022-10-10 12:36:26
<input type="checkbox"/>	2 Robustel 'How to' Guides	1.465 MB	2022-02-28 09:41:46
<input type="checkbox"/>	3 Edge to Cloud (E2C) Documentation	18.264 MB	2022-02-28 09:40:42
<input type="checkbox"/>	4 Edge to Cloud (E2C) Tools	1.605 MB	2022-02-28 09:39:51
<input type="checkbox"/>	5 RCMS Marketing	6.264 MB	2022-02-28 09:38:27
<input type="checkbox"/>	6 RCMS Security Documentation	817.051 KB	2022-02-28 09:37:53
<input type="checkbox"/>	7 RCMS Technical Documentation	29.084 MB	2022-02-28 09:32:31
<input type="checkbox"/>	8 RobustVPN Documentation	4.925 MB	2022-02-28 09:14:23
<input type="checkbox"/>	9 RVPN Manager	56.357 MB	2022-02-28 09:10:31

RCMS portal üzerimden
**Support > Resource > RVPN
Manager** dosyası indirilip, VPN'e
bağlanacak PC'ye kurulur.

RobustVPN PC Kurulumu



The screenshot displays the RobustVPN web interface. The main window shows the status of a VPN group named 'istanbul t...'. The 'User Connect Status' is 'STOP'. The 'VPN Group' status is 'Running', with a 'Public IP' of 137.117.183.124 and a 'Virtual Network' of 10.105.48.0/20. The 'VPN Server' status is also 'Running'. The interface includes a sidebar with navigation options like 'Dashboard', 'View All Devices', and 'Manage VPN Groups'. The bottom right corner shows 'Total VPN Data' as 0 B and 'Initialization Status' as 'Success'.

- ✓ Kurulan yazılım çalıştırılır ve istenilen VPN'e START komutu ile bağlantılır.
- ✓ İşlem tamamlandıktan sonra, uç cihazların lokal IP'si ile direkt bağlantı yapılabilir.

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