

Server Monitorizare Room Alert 12S/12SR

www.atlas-systems.ro



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania

A screenshot of the Room Alert Monitor web application. The interface is dark-themed with a sidebar on the left containing navigation links like Status, Digital Sensors, Switch Sensors, Light Towers & Relays, Analog Sensors, Settings, and Help. The main content area shows the status of a specific device, RA12SR-7012DD, including its MAC, Serial, Firmware, and Local IP. Below this, there's a section for 'Triggered Alerts' with a grid of alert cards showing details like sensor type, current value, and time until next check. At the bottom, there's a 'Map or Report...' section with a map and a 'Customize Dashboard' button. The interface also features a 'Download on the App Store' and 'GET IT ON Google Play' banner at the top right, and an 'SSL Secure Connection' badge at the bottom left.

Room Alert 12S / 12SR

Functii principale

- ▶ Serverul Room Alert 12S este server de monitorizare Room Alert din clasa de mijloc;
- ▶ Poate fi utilizat pentru:
 - ▶ Monitorizare - Temperatura, Umiditate, Curent;
 - ▶ Detectie - Fum, Foc, Inundatie, Pana curent, Miscare, Usa deschisa, Geam deschis, Flux aer, Nivel apa/combustibil;
 - ▶ Automatizari - trimite comenzi pornit/oprit (On/Off) catre alte echipamente;
 - ▶ Notificari - EMail, EMail catre SMS, SMS, Pagini Web, Audio si Luminoase.
 - ▶ Autentificare in servere de email de tip TLS SSL.
 - ▶ Interfata Web Http si HTTPS.



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

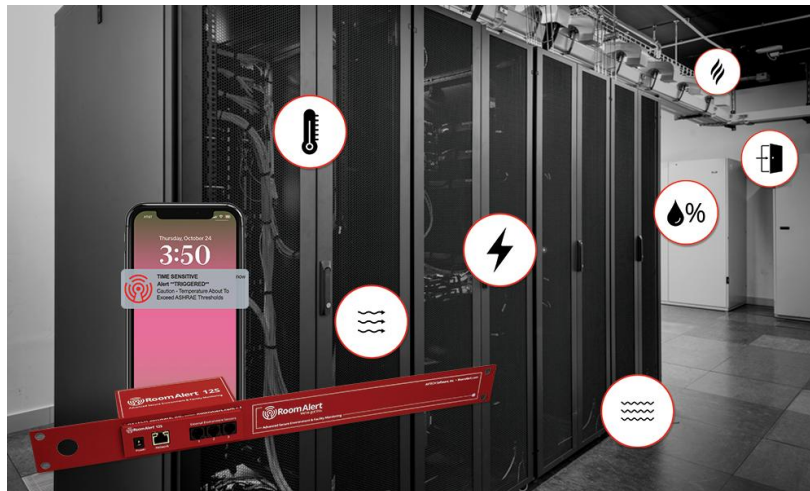
Bucuresti

Romania



Room Alert 12S / 12SR Aplicatii

- ▶ Folosit in mod frecvent pentru monitorizarea mediului in:
 - ▶ Camera serverelor,
 - ▶ Centre de date,
 - ▶ Fabrici,
 - ▶ Depozite,
 - ▶ Cladiri de birouri,
 - ▶ Retail.



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Specificatii principale

- ▶ 3 x port digital (conector RJ11), pentru senzori de temperatura si umiditate de orice tip;
- ▶ 4 x port pentru senzori de contact de tip Fum, Foc, Inundatie, Pana Curent, Usa deschisa, Geam deschis, Flux aer, Nivel apa/combustibil;
- ▶ 1 x port pentru senzori analogici de Intensitate curent;
- ▶ 1 x port pentru comenzi echipamente externe (Relay);
- ▶ 1 x port pentru conectare adaptor comenzi externe sau turn semnalizare luminoasa si audio;
- ▶ Alimentare cu curent in doua moduri:
 - ▶ Cu adaptor 220V, aflat in pachetul de baza;
 - ▶ Din retea IT, folosind Power over Ethernet (PoE);
- ▶ Montare in cabinet de 19" (rack) standard (doar pentru Room Alert 12ER si 12SR).



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Senzori interni



Senzor de
Temperatura

Senzori aflatii in interiorul
Serverului Room Alert 12S / 12SR



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Conectare Senzori digitali



Maximum 3 x senzor extern de temperatura sau umiditate, de orice tip.



Temperatura
si umiditate
ecranat



Temperatura
si umiditate



Temperatura



Temperatura
pentru
fluide sau
medii
extreme



Temperatura
pentru
uz extern



Senzor de
Temperatura
si
Flux de Aer



Senzor de
Particule
Calitate Aer
PM2.5 si PM10



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania

Room Alert 12S / 12SR

Conectare Turnuri de semnalizare



Maximum un turn de semnalizare.



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Conectare Senzori de contact



Maximum 4 x senzor extern de contact,
de orice tip.



Senzor
Inundatie,
cu cablu



Senzor
Inundatie,
Tip Spot



Senzor
Curent



Senzor
Miscare



Senzor
Usa deschisa
Geam deschis



Senzor
Nivel
Combustibil
sau apa



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania

Room Alert 12S / 12SR

Conectare Senzori de intensitate curent



Maximum 1 x senzor extern de Intensitate curent, de orice tip.



Senzor
Intensitate
curent
50A

Senzor
Intensitate
curent
250A



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

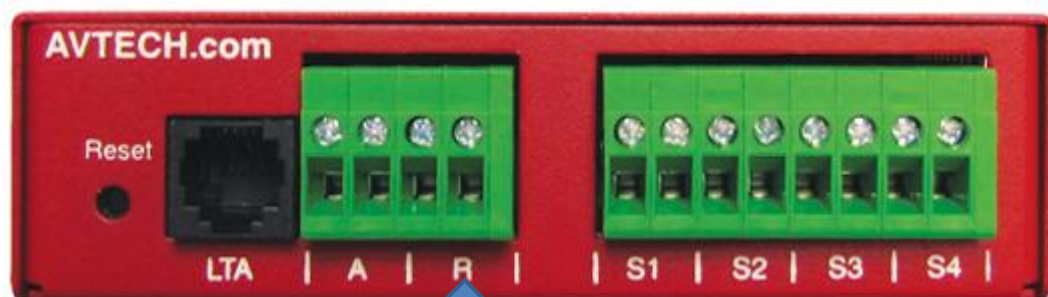
Atlas Systems

Bucuresti

Romania

Room Alert 12S / 12SR

Conectare echipamente pe porturi Relay



Maximum un aparat de aer conditionat sau orice alt tip de echipament care poate fi pornit/oprit folosind porturi de comanda de tip relay ("dry contacts").
Sau
Maximum un comutator iBoot, care pot porni/opri orice tip de echipament conectat la reseaua de curent 220V.



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Interfata si Room Alert Account

The image displays two overlapping web interfaces for the RoomAlert system. The top interface is the 'RoomAlert Monitor' dashboard, showing the status of a specific device (RA12SR-7012DD) with details like MAC, Serial, Firmware, and Local IP. It also features a sidebar with navigation options like Digital Sensors, Switch Sensors, and Settings. The bottom interface is the 'RoomAlert Account' dashboard, which lists triggered alerts for various sensors and devices, including their current status (e.g., Not Connected, Not Pushing) and time until the next update. Both interfaces include a 'Download on the App Store' and 'GET IT ON Google Play' button. A 'SSL Secure Connection' badge is visible in the bottom left corner of the monitor interface.



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

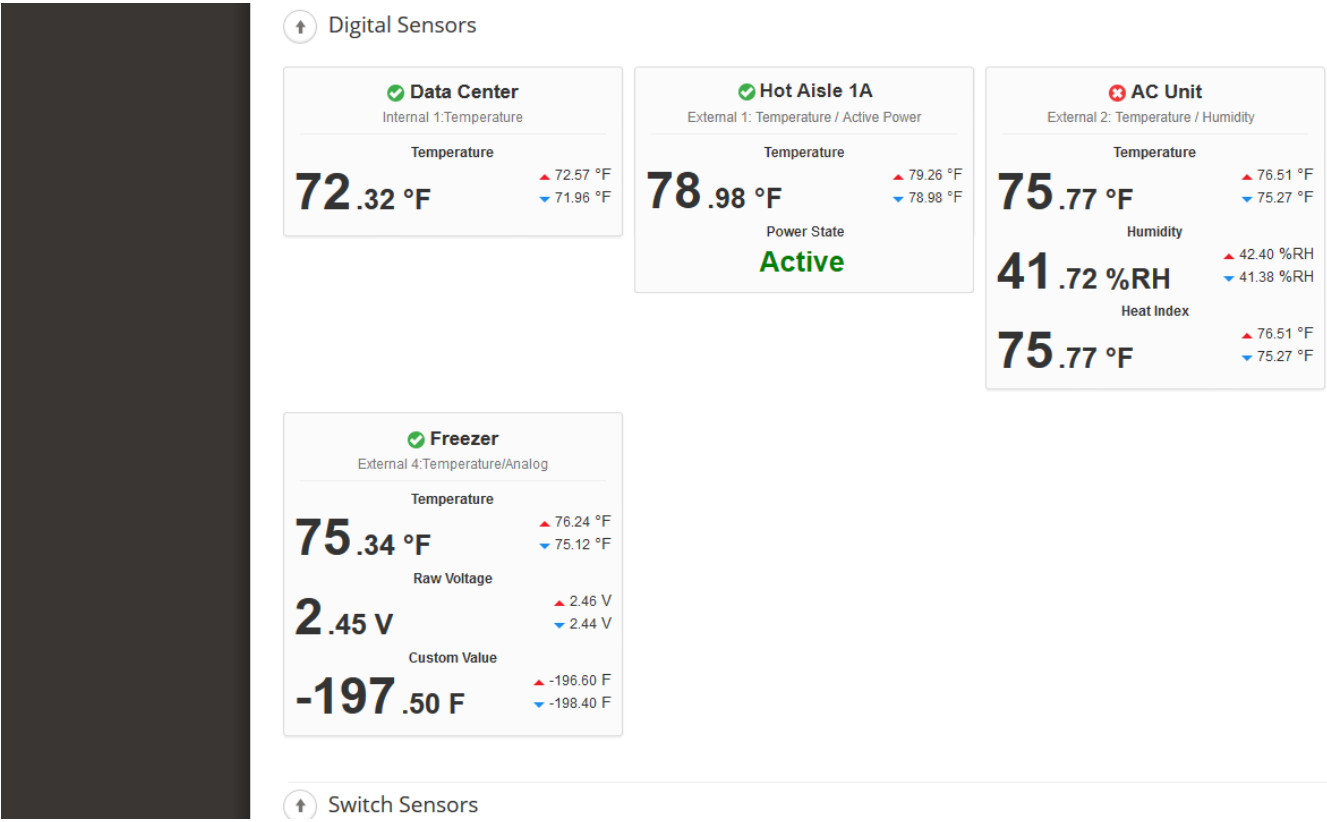
Bucuresti

Romania



Room Alert 12S / 12SR

Interfata - Senzori digitali



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

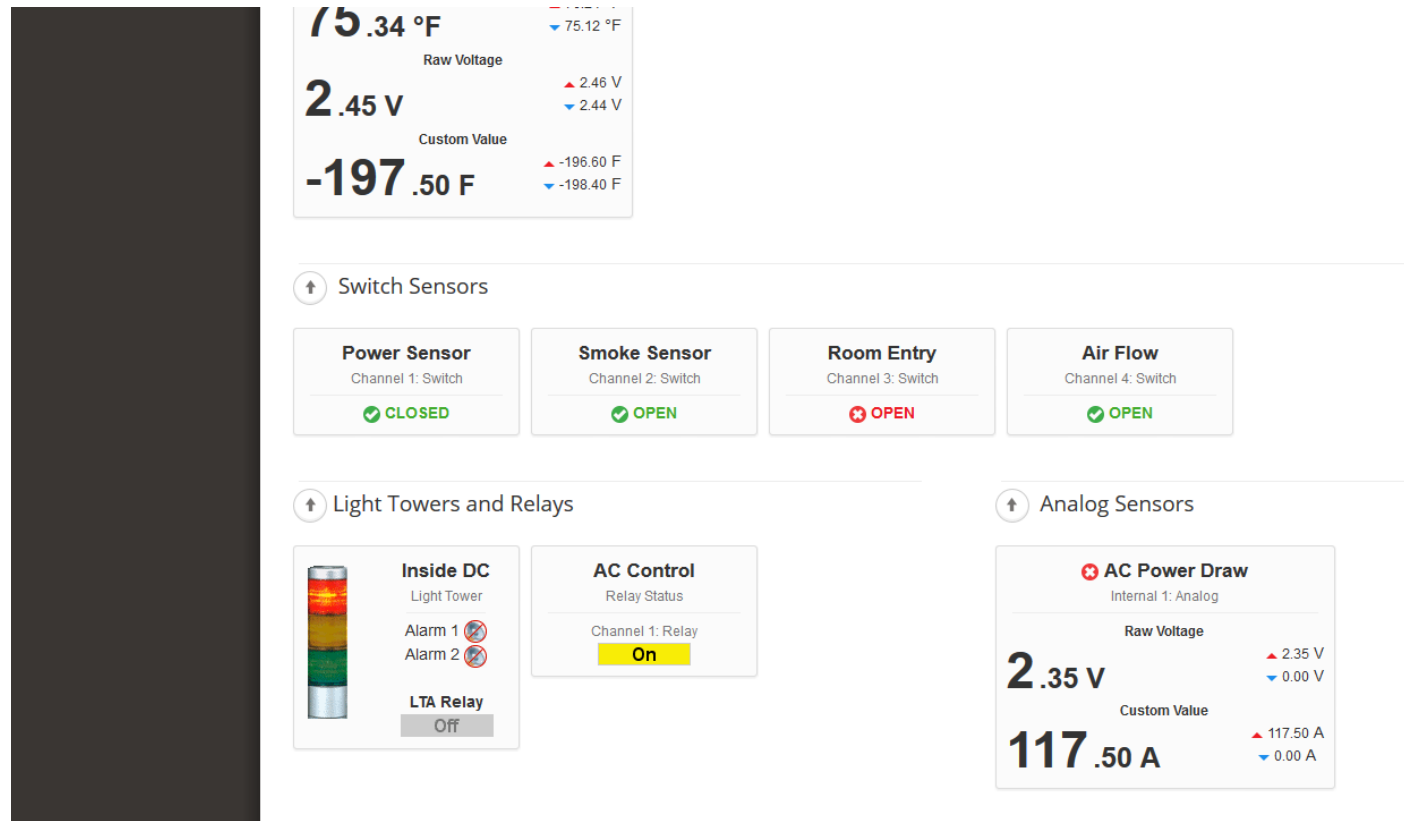
Bucuresti

Romania



Room Alert 12S / 12SR

Interfata - Senzori de contact si Turn



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Interfata - Configurare senzori

Room Alert®

Status

Settings

Sensors

Alarms

Network

SMTP

SNMP

Security

Advanced

Help

Sensor Settings

General Alarm Configuration

Trigger Alarm If Sensor Is Disconnected? ☐

Alarm Thresholds

Internal Sensor Alarm Configuration

Sensor Type: Temperature

Use Alarm Profile: Profile 1

Sensor Label	Alarm On	High	Low	Adjust
Data Center	Temperature (°F)	75	64	0

Sensor 1 Alarm Configuration

Sensor Type: Temp/Active Power

Use Alarm Profile: Profile 1

Sensor Label	Alarm On	High	Low	Adjust
Hot Aisle 1A	Temperature (°F)	0	0	0
	Power	No Power Detected		

Sensor 2 Alarm Configuration

Sensor Type: Temp/Humidity

Use Alarm Profile: Profile 1

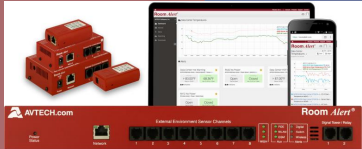
Sensor Label	Alarm On	High	Low	Adjust
AC Unit	Temperature (°F)	75	64	0

Sensor 3 Alarm Configuration

Sensor Type: Temp/Analog

Use Alarm Profile: Profile 1

Sensor Label	Alarm On	High	Low	Adjust
Freezer	Temperature	0	0	0



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Interfata - Configurare Senzori Analogici si de Contact



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania

Analog Sensor Settings

Analog Sensor 1 Alarm Configuration

Sensor Label	High	Low	Adjust	Enabled	Enable ☒	High	Low
AC Power Draw	75.0	0	0	☒	Reference	5	0
Use Alarm Profile: Profile 1					Scale	250	0
					Units	A	

Switch Sensor Settings

Sensor 1 Label	Alarm On	Alarm Profile
Power Ser	Open	Profile 1

Sensor 2 Label	Alarm On	Alarm Profile
Smoke Se	Closed	Profile 1

Sensor 3 Label	Alarm On	Alarm Profile
Room Enti	Open	Profile 1

Sensor 4 Label	Alarm On	Alarm Profile
Air Flow	Closed	Profile 1



Room Alert 12S / 12SR

Interfata - Configurare Alerte



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania

Room Alert®

Status

Settings

Sensors

Alarms

Network

SMTP

SNMP

Security

Advanced

Help

Alarm Settings

LTA 1 Label

Inside DC

Relay 1 Label

AC Control

LTA 1 Connected

Red/Yellow/Green w/ Audio

Profile 1

Choose an Alarm or Boot Profile to view or edit.

LTA 1 Action Configuration

Profile 1	Red LED	Yellow LED	Green LED	Audio 1	Audio 2	LTA Relay
On Alarm	On	Off	Off	Off	Off	Off
On Clear	Off	Off	On	Off	Off	Off

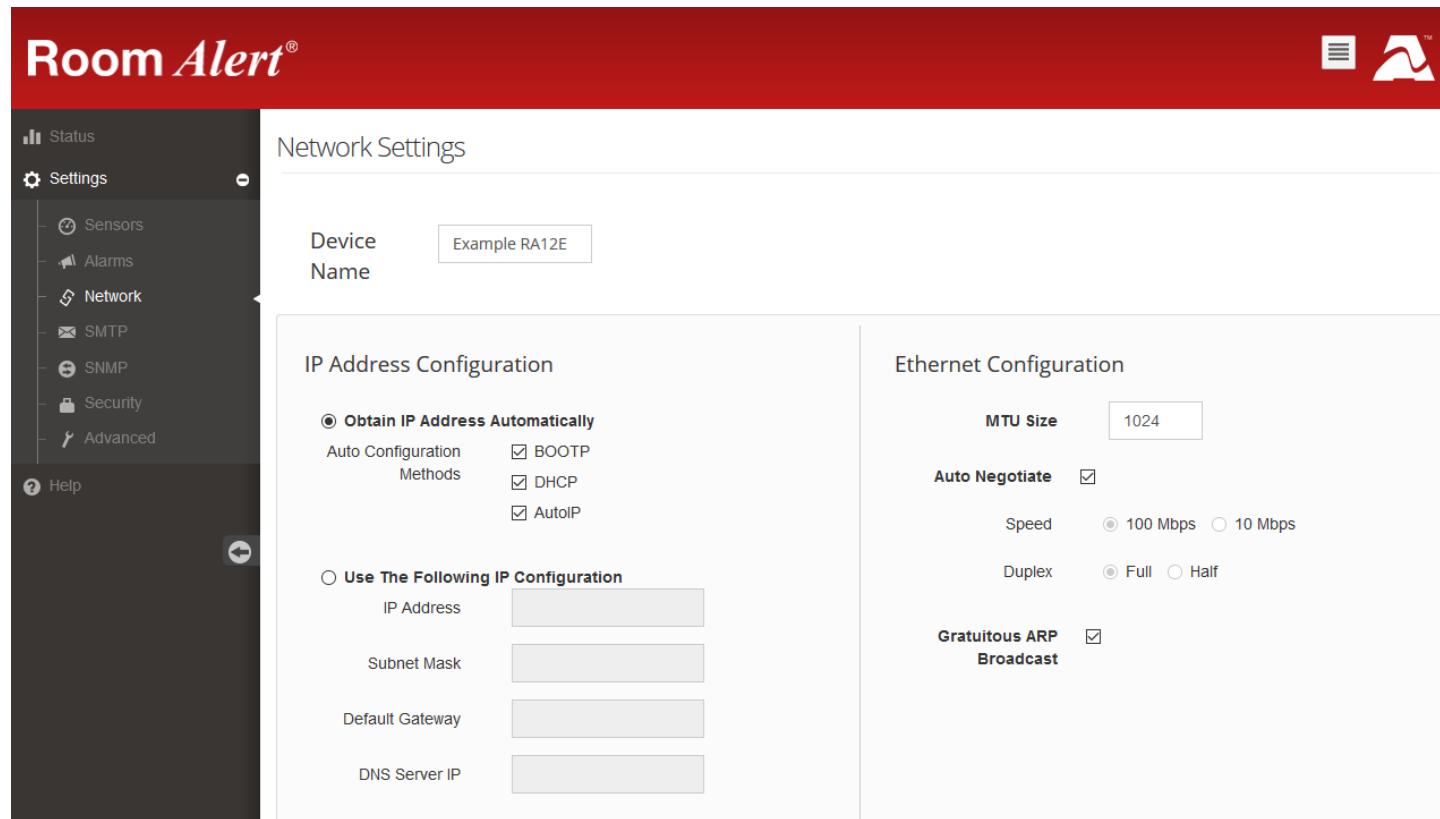
Relay 1 Action Configuration

Profile 1	Relay
On Alarm	On



Room Alert 12S / 12SR

Interfata - Configurare Retea



The screenshot displays the 'Room Alert' web interface. The top navigation bar is red with the 'Room Alert' logo and a menu icon. A left sidebar contains navigation links: Status, Settings (selected), Sensors, Alarms, Network, SMTP, SNMP, Security, and Advanced. The main content area is titled 'Network Settings'. It includes a 'Device Name' field with the value 'Example RA12E'. Below this, there are two main configuration sections: 'IP Address Configuration' and 'Ethernet Configuration'. The 'IP Address Configuration' section has two radio buttons: 'Obtain IP Address Automatically' (selected) and 'Use The Following IP Configuration'. Under the selected option, there are checkboxes for 'BOOTP', 'DHCP', and 'AutoIP', all of which are checked. The 'Use The Following IP Configuration' option has input fields for 'IP Address', 'Subnet Mask', 'Default Gateway', and 'DNS Server IP'. The 'Ethernet Configuration' section includes an 'MTU Size' field set to '1024', an 'Auto Negotiate' checkbox (checked), 'Speed' options (100 Mbps selected, 10 Mbps unselected), 'Duplex' options (Full selected, Half unselected), and a 'Gratuitous ARP Broadcast' checkbox (checked).



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

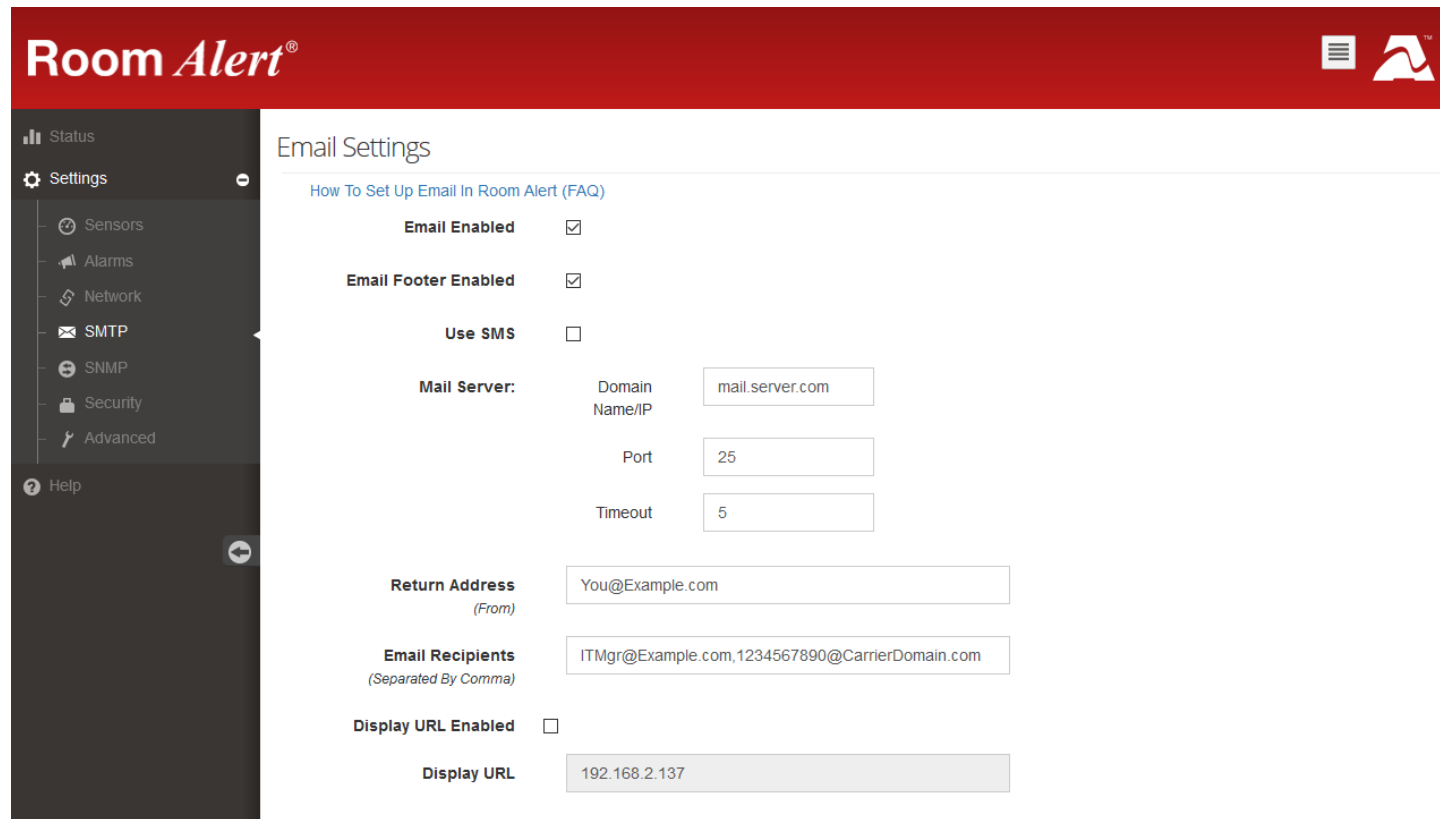
Bucuresti

Romania



Room Alert 12S / 12SR

Interfata - Configurare SMTP (Email)



The screenshot shows the Room Alert web interface. The top header is red with the 'Room Alert' logo and a menu icon. The left sidebar is dark grey with a 'Settings' menu expanded, showing options like Sensors, Alarms, Network, SMTP, SNMP, Security, and Advanced. The main content area is titled 'Email Settings' and includes a link to a FAQ. The configuration options are as follows:

Setting	Value
Email Enabled	☒
Email Footer Enabled	☒
Use SMS	☐
Mail Server:	
Domain Name/IP	mail.server.com
Port	25
Timeout	5
Return Address (From)	You@Example.com
Email Recipients (Separated By Comma)	ITMgr@Example.com,1234567890@CarrierDomain.com
Display URL Enabled	☐
Display URL	192.168.2.137



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

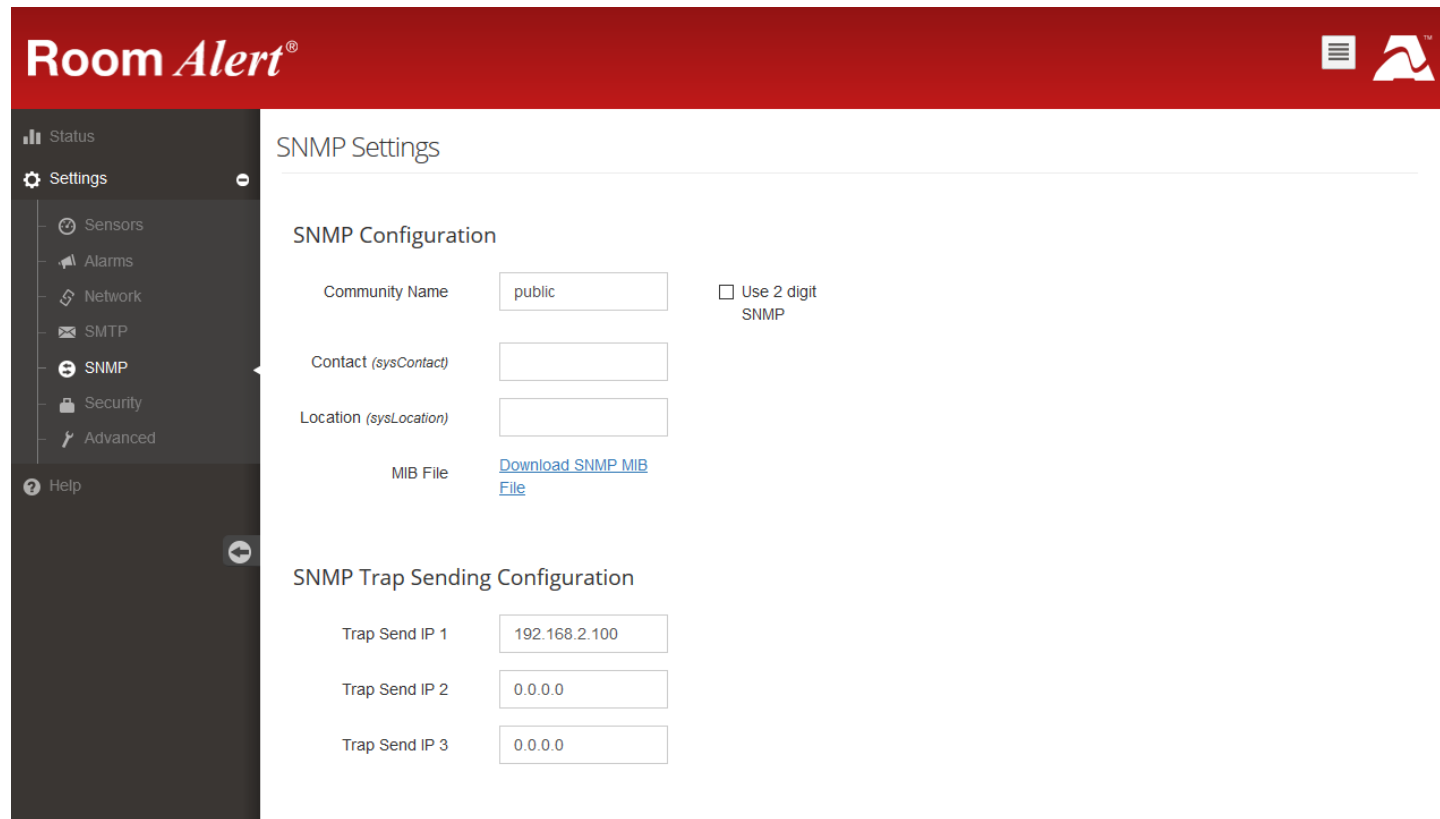
Bucuresti

Romania



Room Alert 12S / 12SR

Interfata - Configurare SNMP



Room Alert®

SNMP Settings

SNMP Configuration

Community Name: ☐ Use 2 digit SNMP

Contact (sysContact):

Location (sysLocation):

MIB File: [Download SNMP MIB File](#)

SNMP Trap Sending Configuration

Trap Send IP 1:

Trap Send IP 2:

Trap Send IP 3:



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

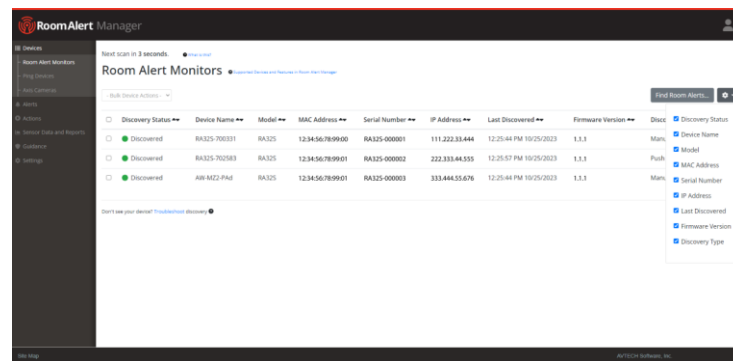
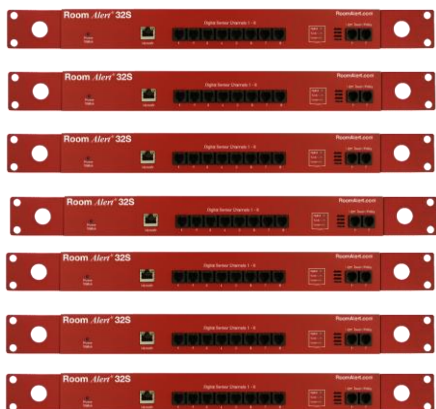
Bucuresti

Romania



Room Alert 12S / 12SR

Room Alert Manager si Notificari SMS



Servere Room Alert
din aceeasi retea
cu serverul pe care este
instalata aplicatia
Room Alert Manager.

Room Alert Manager
Aplicatie Web -
Centralizator Servere si Sensori Room Alert.
Necesita un Server cu
sistem de operare Windows / Linux.

Modem GSM - Pentru trimitere SMS-uri.
Conectat pe portul USB
al Serverului
pe care este instalata aplicatia
Room Alert Manager.
Necesita un card SIM .



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Room Alert 12S / 12SR

Continut Pachet Livrare



Server Room Alert 12SR



BONUS!
Senzor
de temperatura
si umiditate
lungime cablu 7m



Adaptor de
curent 220V



Cablu
de retea



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Avantaje ale unor solutii Room Alert

- ▶ Varietatea caracteristicilor de mediu care pot fi monitorizate de sistemele Room Alert:
 - ▶ Temperatura, Umiditate si Curent - Monitorizare;
 - ▶ Fum, Foc, Inundatie, Pana curent, Acces, Flux aer, Nivel apa/combustibil - Detectie;
- ▶ Monitorizare sau Detectie de la distanta, in timp real;
 - ▶ Notificari: EMail, EMail catre SMS, SMS, Semnale luminoase si audio;
 - ▶ Istoric date in cloud, accesibil de oriunde, folosind orice dispozitiv;
 - ▶ Automatizari - comenzi pornit/oprit (On/Off) catre alte echipamente;
- ▶ Solutii scalabile;
 - ▶ Posibilitatea adaugarii in sistemul centralizat de monitorizare a unor Servere sau Senzori noi.
- ▶ Nu necesita Statii de lucru sau Servere pentru soft-uri aditionale;
 - ▶ Cu exceptia situatiei in care se doreste instalarea aplicatiei Room Alert Manager.



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Avantaje ale unor solutii Room Alert

- ▶ Solutii mature:
 - ▶ Peste 40 de ani de experienta in dezvoltarea acestor solutii;
 - ▶ Premiate in mod constant in ultimii ani;
- ▶ Solutii comercializate in peste 180 de tari catre clienti cu renume;
- ▶ Unul din cele mai bune rapoarte Calitate-Pret;
- ▶ Produse fabricate de catre Avtech Software (SUA).



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Beneficii ale unor solutii Room Alert

- ▶ Continuitatea afacerii prin prevenirea dezastrelor:
 - ▶ Reducerea costurilor aparute datorita opririi activitatii si distrugerii activelor;
 - ▶ Protejeaza activele companiei;
- ▶ Suport pentru:
 - ▶ Procesele de Audit, Control sau Inspectie prin salvarea datelor in cloud-ul Room Alert;
 - ▶ Implementarea Standardelor de Securitate ISO (Ex. ISO 27001).



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



- Romania

Despre Atlas Systems

- ▶ Reseller autorizat Avtech Software - SUA;
- ▶ Capital integral romanesc;
- ▶ 20 ani de experienta in IT-ul din Romania.
- ▶ CIF (VAT No.): RO18177081:
- ▶ Numar de inregistrare in Registrul Comertului: J40/20164/2005;
- ▶ Banca: ING - 13 Septembrie;
- ▶ IBAN: RO55 INGB 0000 9999 0255 4319.



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania



Contact

- ▶ Telefon: 004 0724 375 805;
- ▶ EMail: admin@atlas-systems.ro;
- ▶ Site Web: www.atlas-systems.ro;



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania





Sfarsit

Va multumim pentru atentie!



www.atlas-systems.ro

admin@atlas-systems.ro

004 0724 375 805

Atlas Systems

Bucuresti

Romania