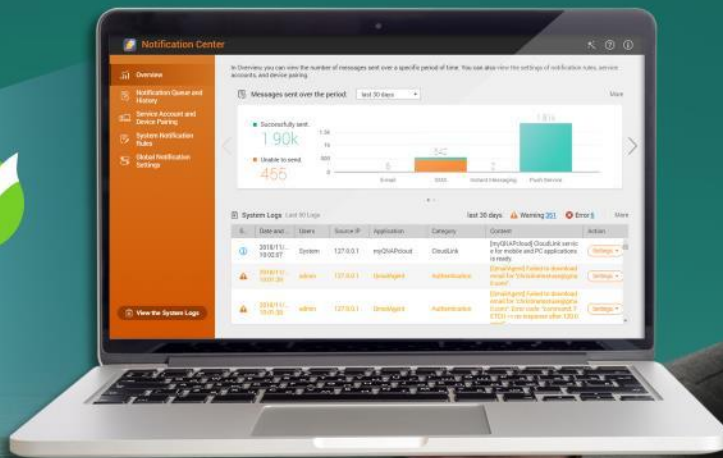
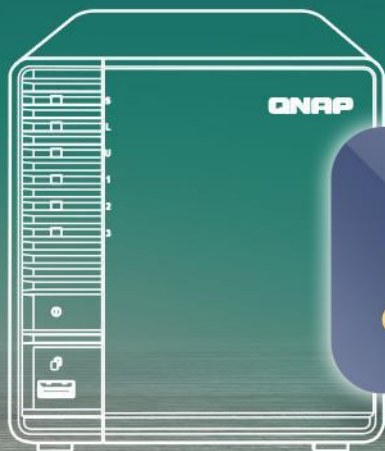


QNAP

Discover the useful functions of Notification Center

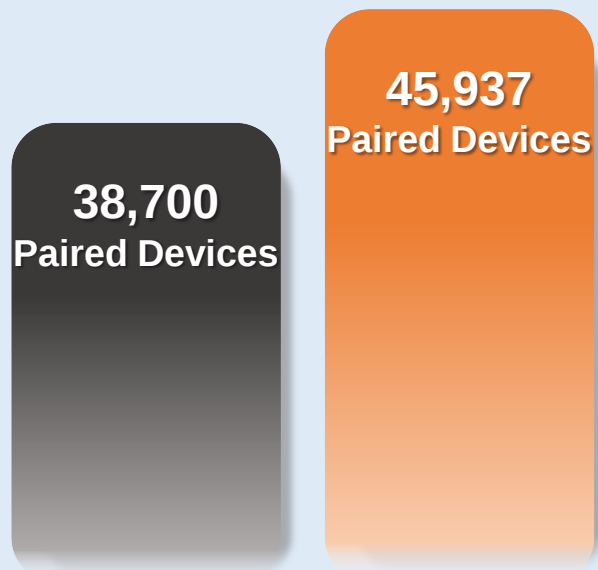




Notification Center Usage Report



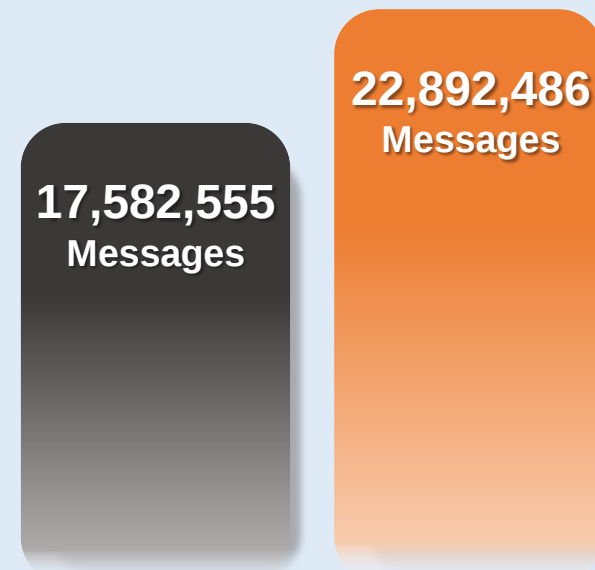
Growing 18.7%



Paired Notification Devices



Growing 30.3%



Delivered Messages

■ Previous Data
■ QTS 4.3.5 Released

Period: 20180929 - 20181108
The report does not include email & SMS methods.

The **key** of Notification Center
usage growth is...

Solving users' pain points!





Pain points users often face on the notification function

01

QNAP NAS provides versatile applications, but it takes time to set up and manage individual notifications, which is tedious!



02

Why didn't I receive even one notification? I've already configured the function... Is there any way to confirm the settings?



03

Receiving messages only via email can quickly occupy all my mailbox capacity, and I have to take care of it every now and then.



04

Can I use the language I'm familiar with for notifications?



05

There are too many notifications and it is troublesome. Can I only receive important information I want?





Notification Center

Solve Users' Pain Points

Notification Center

In Overview, you can view the number of messages sent over a specific period of time. You can also view the settings of notification rules, service accounts, and device pairing.

System Notification Rules More **Service Account and Device Pairing** More

Event Notifications 3 Active | Alert Notifications 2 Active

Email 3 Active | SMS 4 Active | Instant Messaging 3 Active | Push Service 5 Active

System Logs Last 50 Logs last 30 days: ⚠

S...	Date and ...	Users	Source IP	Application	Category	Content
①	2018/11/... 04:05:37	System	127.0.0.1	myQNAPcloud	CloudLink	[myQNAPCloud] e for myQNAPCloud.
①	2018/11/... 00:47:13	System	127.0.0.1	Antivirus	Settings	[Antivirus] ons. [myQNAPCloud]

[View the System Logs](#)



**I want to be able to set up
and manage notifications
for all NAS applications
through one interface.**

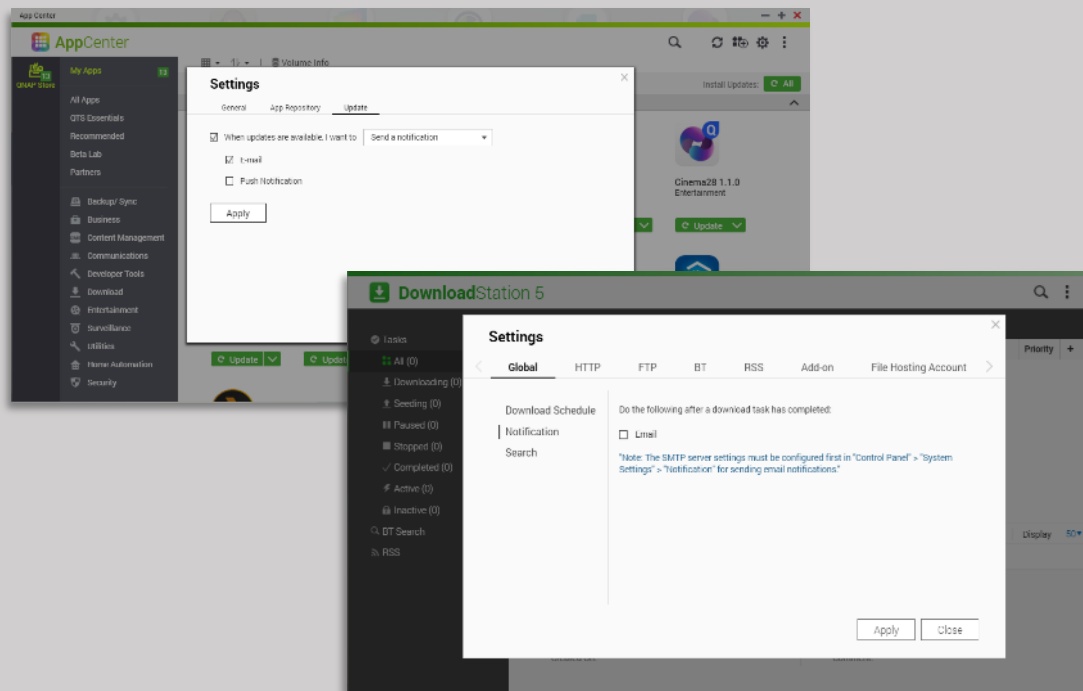




Centralized Notification Settings

Past

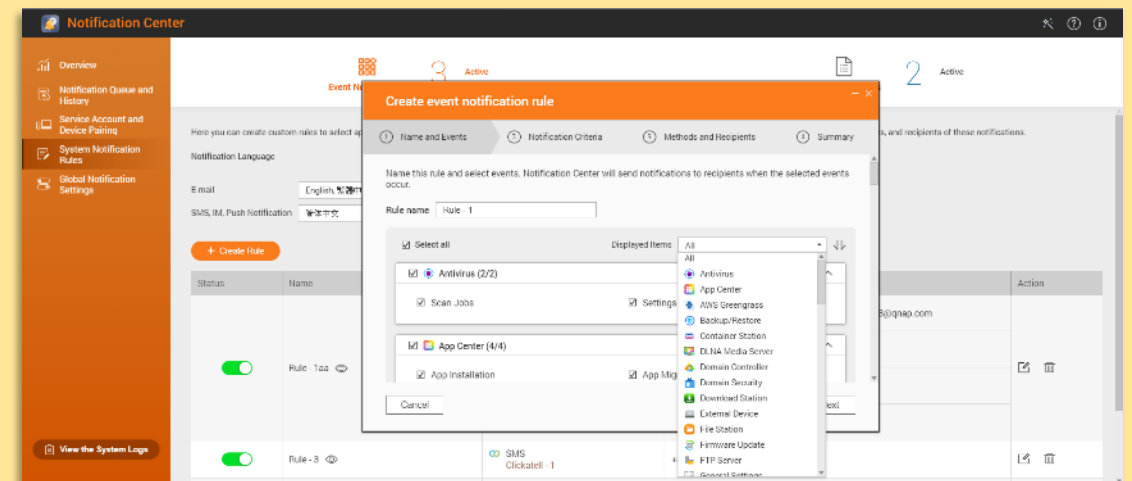
Need to configure in each application



NEW

QTS 4.3.5

Notification Center centralized settings



- Share all notification service accounts and devices
 - Overview all status/history of notifications
 - Centralized notification control switch
- More..



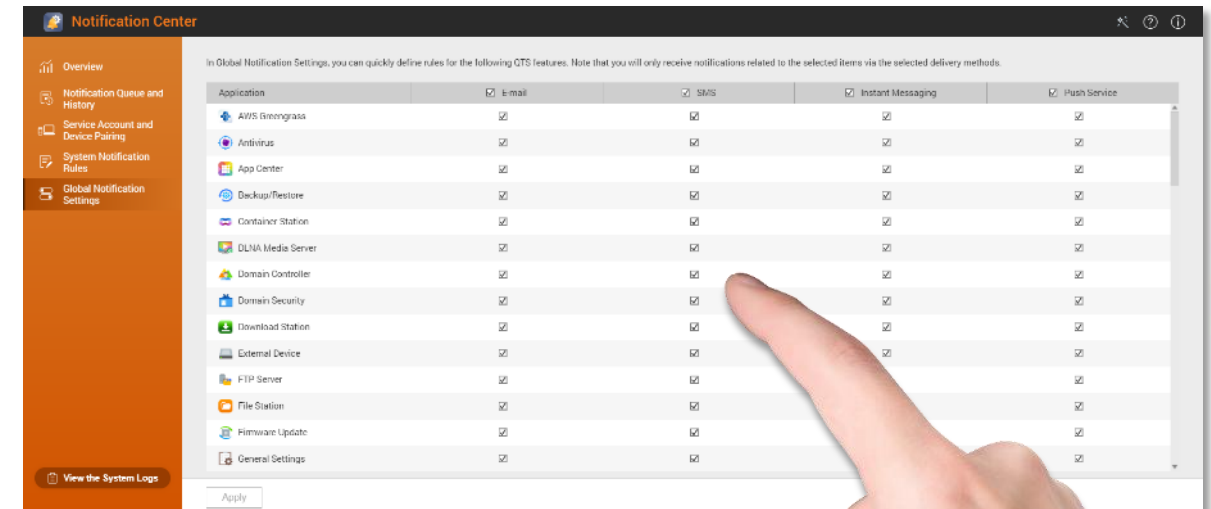
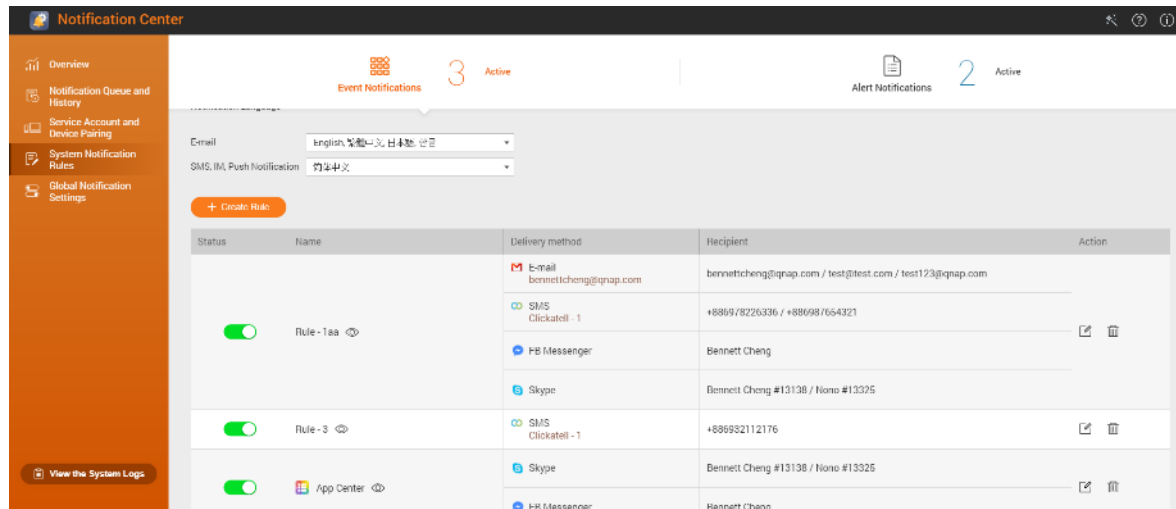
Centralized Notification Rule Configuration

Configure & Manage All Notification Rules

One-click to Turn Off Notification

Centralized monitoring and management

Turn off notifications for specific apps and methods



I'm really worried that important information might not be received. Is there a way to confirm that the notification is set or messages are sent correctly?





Dual mechanism to ensure that important messages are not missed



Two-Step Guarantee

Verify Your Settings

Send test message

Send a test email to:



Test message sending function

Monitor message transmission status

Notification Center

Queue History

This section lists the notification messages that Notification Center has sent. You can view details, resend messages, configure settings, and export the history as a CSV file.

Event	Application	Date and Time	Message content	Delivery method	Recipient	Status	Action
1	myQNAcloud	2018/11/16 10:02:05	[myQNAcloud] CloudLink service for mobile and PC applications is ready.	Push Service	admin_Windows_Chrome	Successfully sent	
1	myQNAcloud	2018/11/16 10:02:05	[myQNAcloud] CloudLink service for mobile and PC applications is ready.	Push Service	Bennett	Successfully sent	
1	myQNAcloud	2018/11/16 10:02:05	[myQNAcloud] CloudLink service for mobile and PC applications is ready.	Push Service	admin_Windows_Chrome	Successfully sent	
1	myQNAcloud	2018/11/16 10:02:05	[myQNAcloud] CloudLink service for mobile and PC applications is ready.	Push Service	admin_Windows_Chrome	Successfully sent	
1	QmailAgent	2018/11/16 10:01:41	[QmailAgent] Failed to download email for "christianestech@gmail.com".	Push Service	admin_Windows_Chrome	Successfully sent	
1	QmailAgent	2018/11/16 10:01:41	[QmailAgent] Failed to download email for "christianestech@gmail.com".	Push Service	admin_Windows_Chrome	Successfully sent	
1	QmailAgent	2018/11/16 10:01:41	[QmailAgent] Failed to download email for "christianestech@gmail.com".	Push Service	admin_Windows_Chrome	Successfully sent	
1	QmailAgent	2018/11/16 10:01:41	[QmailAgent] Failed to download email for "christianestech@gmail.com".	Push Service	Kenji iPhone	Successfully sent	
1	QmailAgent	2018/11/16 10:01:40	[QmailAgent] Failed to download email for "christianestech@gmail.com".	Push Service	admin_Windows_Chrome	Successfully sent	
1	QmailAgent	2018/11/16 10:01:40	[QmailAgent] Failed to download email for "christianestech@gmail.com".	Push Service	admin_Windows_Chrome	Successfully sent	
1	QmailAgent	2018/11/16 10:01:40	[QmailAgent] Failed to download email for "christianestech@gmail.com".	Push Service	admin_Windows_Chrome	Successfully sent	

Notification record



**Can I receive messages
via messaging apps in
addition to conventional
email notifications?**





Notification Center

Provide you with a variety of delivery options, allowing you to choose the most appropriate notification method based on different messages and use cases!

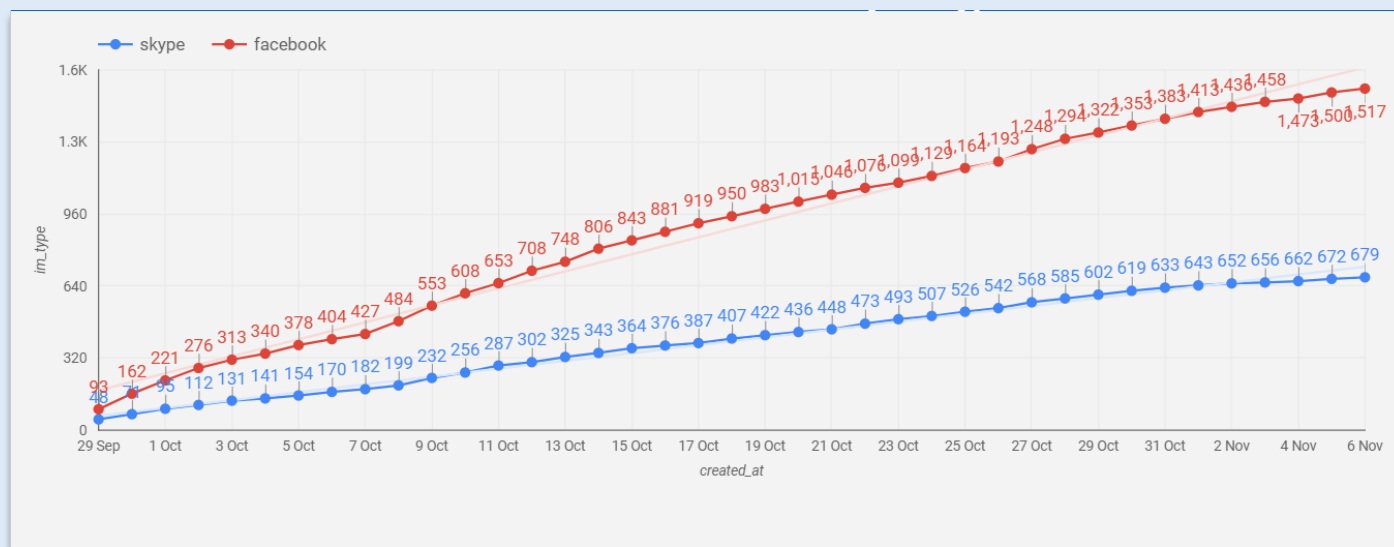


Daily messaging apps can be used as a NAS notification method



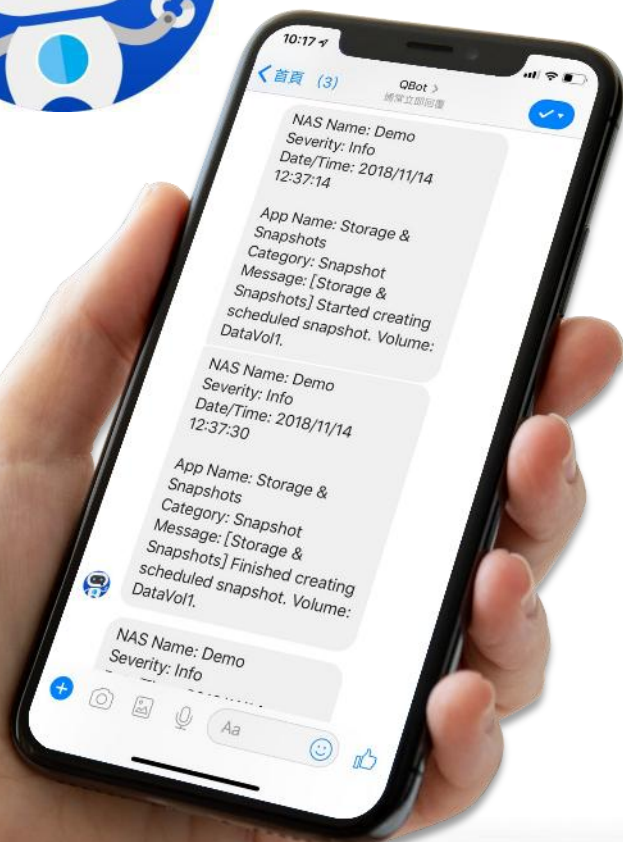
Usage grows fast

Early adopter of such methods





Three steps to pair your instant messaging account



01

Choose the messaging service you want to use



02

Add Qbot as your contact



03

Enter verification code in Qbot dialog to complete pairing



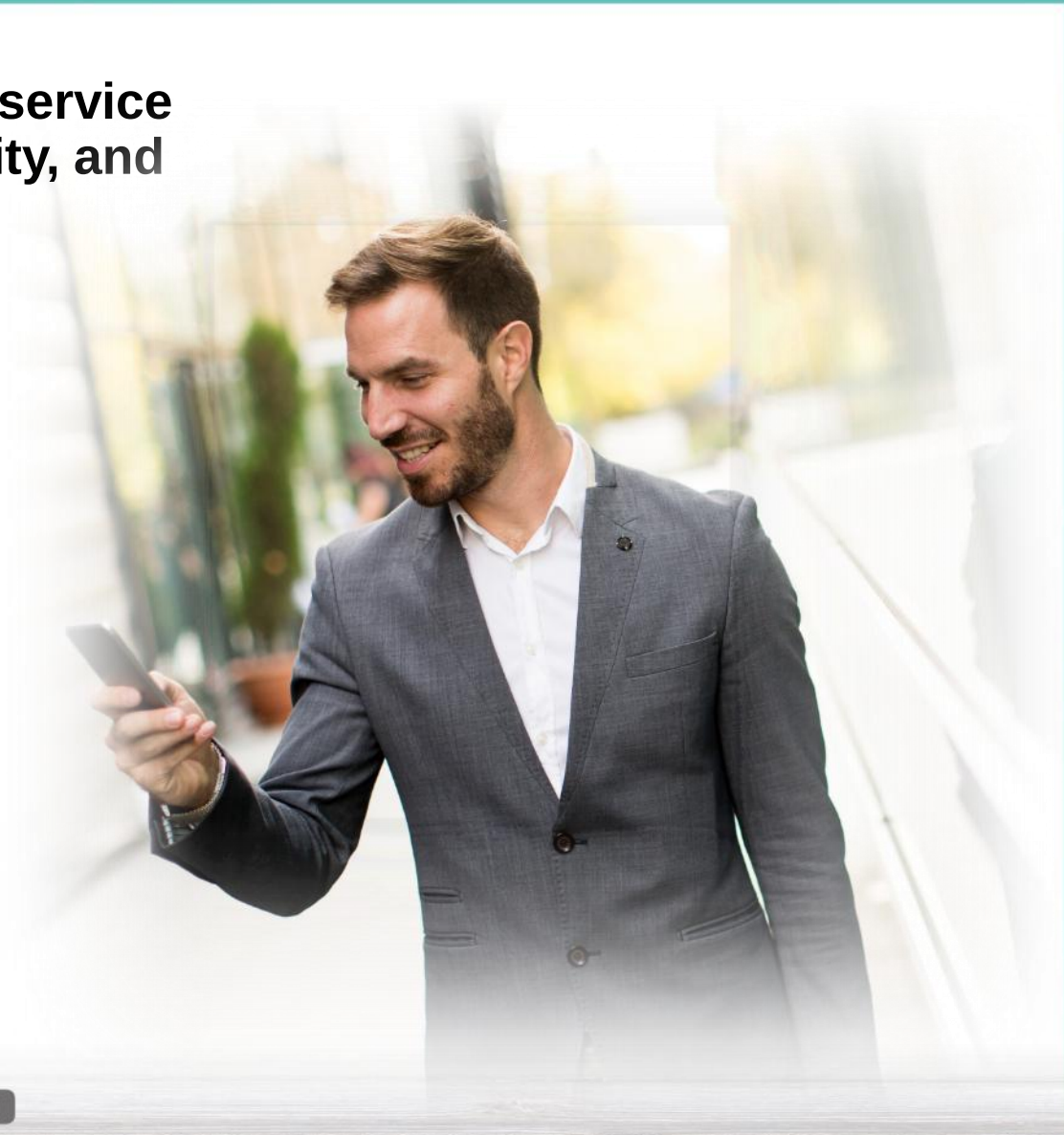


Provide you with world-class SMS services

Notification Center integrates world-class SMS service providers to provide high-security, high-reliability, and highly stable SMS notifications, so you can get notified with NAS issues in real time.



QNAP



I don't fully understand
English messages. Can I
choose my own language
for notifications?





Notification messages fully supports localized messages

To provide users with the best user experience, all messages provided in Notification Center are composed and proofread by our technical writing team.

**Over 3,000
notification
messages**

**Support 23
language**

**Integrated over
100 applications**

* Some messages are still in the integration phase.

**There are too many
notification messages and it
is troublesome.
Can I only receive important
information I want?**





Select the notification you want: Event and Alert notification



Event Notification

Select the notification event you want to receive based on the category of the applications or features.



Alert Notification

Select the notification log to receive based on the severity of the system log.





Highly flexible, highly customizable filter conditions

Detailed function settings to meet your notification needs

Create event notification rule

1 Name and Events

2 Notification Criteria

3 Methods and Recipients

4 Summary

Specify the severity levels, keywords, and time range of notifications that you want to receive.

Severity Level

☒ Information

☒ Warning

☒ Error

Keyword Filter

Includes

RAID

Snapshot

Only send notifications for events that occur during a certain time period.

☐ Time range:

00 : 00 ~ 23 : 59

Cancel

Back

Next

01

Severity level filter

You can directly select the message severity level and the system will help you quickly filter important notifications.

02

Keyword Filtering (multiple)

Specify "Include" or "Exclude" specific keywords.

03

Specified time notification

Messages that occur within the time frame will be sent.



Highly flexible, highly customizable receiver conditions



Three main advantages

The screenshot shows a web interface for creating an event notification rule. The title bar is orange and says 'Create event notification rule'. Below it is a progress bar with four steps: 1. Name and Events, 2. Notification Criteria, 3. Methods and Recipients (current step), and 4. Summary. The main content area has a header that says 'Select the delivery methods and specify the recipients. You can add multiple methods and recipients.' and a '+ Add Pair' button. Below this is a section for 'Pair1 (1/1)'. It has a 'Method' dropdown set to 'E-mail'. Under 'Sender', there is a 'Select SMTP service' dropdown set to 'bennettcheng@qnap.com', a 'Custom subject line (optional)' text input, and a checkbox for 'Send email as plain text'. Under 'Recipient', there is a 'Select NAS User' button, and two 'E-mail' input fields, each with a trash icon. At the bottom are 'Cancel', 'Back', and 'Next' buttons.

01

Supports simultaneous settings of multiple transmission pairs to avoid failure of a single transmission method!

02

No need to manually input recipients! Quickly select from NAS contact email & phone.

03

The number of recipients is no longer limited! Multiple recipients are now supported.



Don't miss important logs, one-click notifications

For important logs, you can one-click create notification rules, and settings for important messages can be done intuitively.

The screenshot displays the QNAP Notification Center interface. On the left, a sidebar contains navigation options: Overview, Notification Queue and History, Service Account and Device Pairing, System Notification Rules, and Global Notification Settings. The main area shows a list of system logs with columns for Severity, Date and Time, Users, Source IP, Application, Category, Content, and Action. An 'Edit Rule for Event Notifications' dialog box is open, showing the 'Name and Events' tab. The dialog includes a 'Rule name' field (Rule - 1aa), a 'Select all' button, and a list of events with checkboxes. A red box highlights two buttons: 'Create event notification rule' and 'Create alert notification rule'. A hand is pointing at the 'Create event notification rule' button.

Severity	Date and Time	Users	Source IP	Application	Category	Content	Action
Info	2018/11/18 04:05:37	System	127.0.0.1	myQNAPcloud	CloudLink	[myQNAPcloud] CloudLink service for myQNAPcloud website is ready.	Settings
Info	2018/11/18 00:47:13	System				Updated virus definitions.	Settings
Info	2018/11/16 10:02:07	System				[myQNAPcloud] CloudLink service for mobile and PC applications	Settings
Warning	2018/11/16 10:01:39	admin				[t] Failed to download email for estuse@gmail.com".	Settings
Warning	2018/11/16 10:01:38	admin				[t] Failed to download email for estuse@gmail.com". Error code: "command: FETCH => e after 120.0 secs"	Settings
Info	2018/11/16 10:00:53	System				[myQNAPcloud] CloudLink service for mobile and PC applications	Settings
Info	2018/11/16 00:47:13	System				Updated virus definitions.	Settings
Info	2018/11/15 23:03:25	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:29	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:25	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:25	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:25	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:25	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:25	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:25	System				[App Center] CloudLink service for mobile and PC applications	Settings
Info	2018/11/15 23:03:18	System				[App Center] CloudLink service for mobile and PC applications	Settings



Use Case 1

Suggest Settings:

1. Select “Alert Notification”
2. Select “Warning” and “Error” in the severity level. Select “All messages” in the filter
3. Configure notification methods and recipient information
4. Finish

Create alert notification rule

1 Name and Events 2 Methods and Recipients 3 Summary

Name this rule and select event severity levels. Notification Center will only send notifications for events of the selected levels.

Rule name

Notify me when the following events occur:

Severity Level	Filter	Keyword Filter
☐ Information	All messages	---
☒ Warning	All messages	---
☒ Error	All messages	---

Cancel Next

I just want to make sure that important NAS error messages are delivered, and other event notifications are irrelevant to me!



Use Case 2

Suggest Settings :

1. Select "Event Notification"
2. Select the "Network and Virtual Switch" and "Storage and Snapshot " and the "Message Category"
3. Set notification criteria: severity level, keyword filtering, specified time. (Default is all message notifications)
4. Configure notification methods and receiver information
5. Finish

I only want to receive notifications about NAS "Network" and "Storage & Snapshots", and I want to receive them in "Chinese".



QNAP

Create event notification rule

1 Name and Events 2 Notification Criteria 3 Methods and Recipients 4 Summary

Name this rule and select events. Notification Center will send notifications to recipients when the selected events occur.

Rule name Rule - 1

☒ Select all Displayed Items Network & Virtual Switch

☒ Network & Virtual Switch (12/12)

☒ DDNS	☒ DHCP Server
☒ Default Gateway	☒ Infrastructure
☒ Interfaces	☒ Proxy
☒ RADVD	☒ Static Route
☒ Thunderbolt	☒ USB QuickAccess
☒ Virtual Switch	☒ Wi-Fi

Cancel Next

QNAP

DEMO

Notification Center

Notification Center

In Overview, you can view the number of messages sent over a specific period of time. You can also view the settings of notification rules, service accounts, and device pairing.

System Notification Rules More **Service Account and Device Pairing** More

Event Notifications 3 Active | Alert Notifications 2 Active

E-mail 3 Active | SMS 4 Active | Instant Messaging 3 Active

System Logs Last 50 Logs last 30 days: Warning 345

S...	Date and ...	Users	Source IP	Application	Category	Content
①	2018/11/... 04:05:37	System	127.0.0.1	myQNAPcloud	CloudLink	[myQNAPcloud] CloudLink e for myQNAPcloud web ady.
①	2018/11/... 00:47:13	System	127.0.0.1	Antivirus	Settings	[Antivirus] Updated virus ons.
	2018/11/...					[myQNAPcloud] CloudLink

[View the System Logs](#)





Notification Center - Five Main Features

Centralized setting

One interface to integrate all notification settings and operations

Support multiple transmission methods

Meet your various notification scenarios

Highly flexible rule setting

Easily filter important messages you want to receive

Double insurance

Notification history and test function ensure you don't miss one message

Multi-language support

Support 23 language & composed by professionals





User feedback makes us better

Q: I want NAS logon and file modification notifications.

A: We are gradually integrating this feature. If there are other notifications that you would like to see, please let us know.

Q: There are many types of messages which is difficult to choose from and not clear enough.

A: We're preparing an online message database for users to look for contents of each category of information. Support for notification category search is also underway.

Q: I need support for more messaging apps such as Line, WhatsApp & Gadu-Gadu.

A: We're evaluating overall user demands for planning further integrations of more messaging services and notification devices.



QNAP

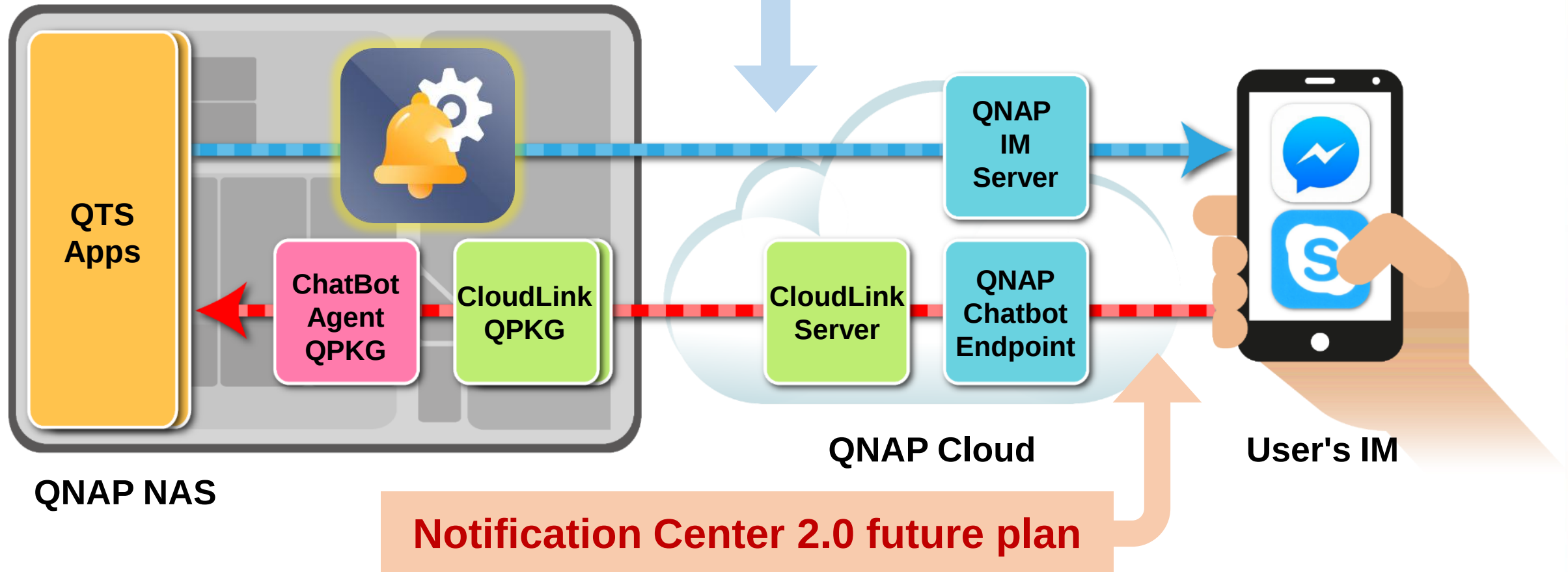
Notification Center Roadmap





The structure of Notification Center: Instant messaging integrations

Notification Center 1.0





Notification Center 2.0 roadmap

COMING SOON

Support more receiving devices

Smart speakers can receive notification



Two-way interactive function

Directly instruct your NAS to perform tasks



Integrate more application notification scenarios

Support notifications for photos, files, links, etc. and application notification scenarios



QNAP

Notification Center

Your Best Choice!

