

# In the Boxing Ring

## FEB 2022



## Network Box Technical News

from **Mark Webb-Johnson**

*Chief Technology Officer, Network Box*

### Welcome to the February 2022 edition of In the **Boxing Ring**

This month, we are talking about the **Network Box App**, which is available for FREE on the Apple and Google Play Stores. The App is designed to provide secure access to administer Network Box managed services.

Equivalent functionality is provided on both the iOS and Android platforms. On pages 2 to 3, we highlight its key features and outline future updates for the App.

Also this month, we are pleased to announce the latest revision to the **Network Box VPN-5Q**. In this month's global security headlines, security vulnerabilities were found in **Kronos**, **McAfee**, **SonicWall**, and healthcare IoT products. Additionally, US government agencies have ordered **WhatsApp** to help spy on Chinese phones, and malware was discovered on dozens of Ukrainian government computers.



**Mark Webb-Johnson**  
*CTO, Network Box Corporation Ltd.*  
February 2022

### Stay Connected

You can contact us here at Network Box HQ by email: **nbhq@network-box.com**, or drop by our office next time you are in town. You can also keep in touch with us by several social networks:



<https://twitter.com/networkbox>



<https://www.facebook.com/networkbox>  
<https://www.facebook.com/networkboxresponse>



<https://www.linkedin.com/company/network-box-corporation-limited/>



<https://www.youtube.com/user/NetworkBox>

### In this month's issue:

#### Page 2 to 3

#### Network Box App

Unlike commonly seen cut-down mobile App offerings, the Network Box approach is to make our full functionality available across all platforms, whether access is via browser, mobile App, or directly to the API. In our featured article, we highlight the App's key features and highlight future updates.

#### Page 4

#### Network Box Highlights:

- **Network Box VPN-5Q Hardware Upgrade**
- **Global Security Headlines:**
  - Kronos
  - Ukraine Government
  - Healthcare IoT devices
  - WhatsApp
  - Sonicwall
  - McAfee



# Network Box App

As a Managed Detection and Response provider, Network Box uses NBSIEM+ as the basis for our incident management service. With this system, we gather event logs from end-user devices, normalizing and correlating them for analysis. The incident workflow system allows alerts to be raised and appropriately escalated to resolution.

**NBSIEM+ is an API based service, accessible via several options:**

- Desktop and Mobile web browsers, using our browser app (<https://siem.network-box.com/>).
- iOS and Android-based mobile devices, using our App Store apps.
- Directly using the API for automation and partner integration.

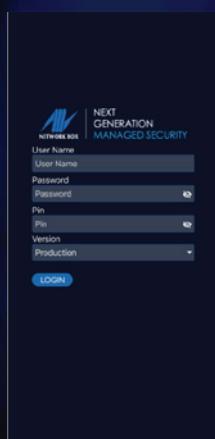
Unlike commonly seen cut-down mobile App offerings, the Network Box approach is to make our full functionality available across all platforms, whether access is via browser, mobile App, or directly to the API.



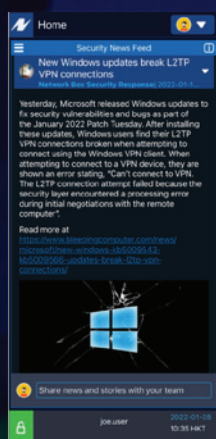
## Mobile Apps

Available for phones and tablets, for both Apple iOS and Android-based mobile devices, the Network Box SIEM+ App is designed to provide secure access to administer Network Box managed services. Equivalent functionality is provided on both the iOS and Android platforms.

The App supports Box Office / NBSIEM+ user account authentication and includes full support for dual-factor authentication (using the RFC-6238 TOTP standard).

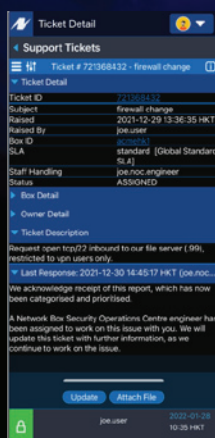


■ Login screen



■ Home screen

Upon logging in, the Home screen is shown with a timeline-based history of recent activity. Support and Incident ticket updates are shown alongside highlighted emerging security news stories. You can even use this system to distribute announcements to your own team with fine-grained privacy controls.



■ Support screen



■ Assets screen

The Support menu provides full access to Box Office ticketing - including raising, reviewing, and updating support tickets. The Incidents menu provides access to Incidents (Global Monitoring System health, SIEM events, cloud services, or other such). If your devices are configured to submit events to NBSIEM+, you can access the event logs from the Events menu. The Assets menu provides an overview of your managed assets and their current status. The Services menu provides access to your managed services; including physical, virtual, and multi-tenanted pure cloud.

Both the browser and mobile Apps operate on a 4x3 grid for desktop-sized screens and tablets, with each screen typically displaying one or more widgets of information. When viewing on smaller mobile screens (such as a mobile phone), this is automatically re-arranged to be 1 column wide to minimize horizontal scrolling. Both dark and light theme options, and multiple language support, are provided.

The Mobile Apps also integrate into the Box Office notification system, supporting iOS and Google notification systems. You can use Box Office to configure the notification preferences by type, time range, asset/box group, etc. For example, you can configure incidents related to a list of specified boxes to alert 24x7, but others to only notify during office working hours.



## Upcoming Features

Using the same technology and services as NBSIEM+, during Q1 2022, we will release our cloud User Portal option. The option will provide end-user access to securely release quarantined email from the cloud (for both on-premises and multi-tenanted cloud mail scanning services), without requiring opening up on-premises device services to the Internet. This also supports mobile device-sized screens (phone and tablet) and desktop browsers and mail clients, which will greatly simplify the secure deployment of end-user quarantine release.

During the first half of 2022, we will also release our cloud admin portal screens from within NBSIEM+. This will enable administrative control for all managed Network Box services from both desktop/mobile browsers and mobile Apps.

As the base platforms for NBSIEM+, our API servers, and our mobile Apps have now been released, you can expect to see many new screens and reports delivered over the coming months.

## Network Box Mobile App for Android and iOS

Please use the links below to download the FREE App.



<https://play.google.com/store/apps/details?id=com.networkbox.siem>



<https://apps.apple.com/hk/app/network-box-siem/id1532859749>



# Network Box HIGHLIGHTS



## Network Box VPN-5Q Hardware Upgrade

Network Box is pleased to announce our latest revision to the VPN-5Q hardware unit for small offices, home offices, branch offices, or other smaller sites that require secure VPN connections between Internet end-points.



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### Global Security Headlines



#### SC Magazine

Cyberattack on payroll vendor  
Kronos disrupting healthcare  
workforce paychecks

LINK: <https://bit.ly/3os0Ac7>



#### Deutsche Welle

Ukraine: Microsoft reports destruc-  
tive malware after cyberattack

LINK: <https://bit.ly/3H4O89g>



#### SC Magazine

IV pumps riskiest healthcare IoT,  
while 50% of medical devices hold  
critical flaws

LINK: <https://bit.ly/3HbjgUK>



#### Forbes

WhatsApp Ordered To Help U.S.  
Agents Spy On Chinese Phones

LINK: <https://bit.ly/3g6MM1Q>



#### TechTarget

SonicWall SMA 100 appliances beset  
by multiple vulnerabilities

LINK: <https://bit.ly/3g3jtgD>



#### Threat Post

McAfee Bug Can Be Exploited to  
Gain Windows SYSTEM Privileges

LINK: <https://bit.ly/3IEO14w>