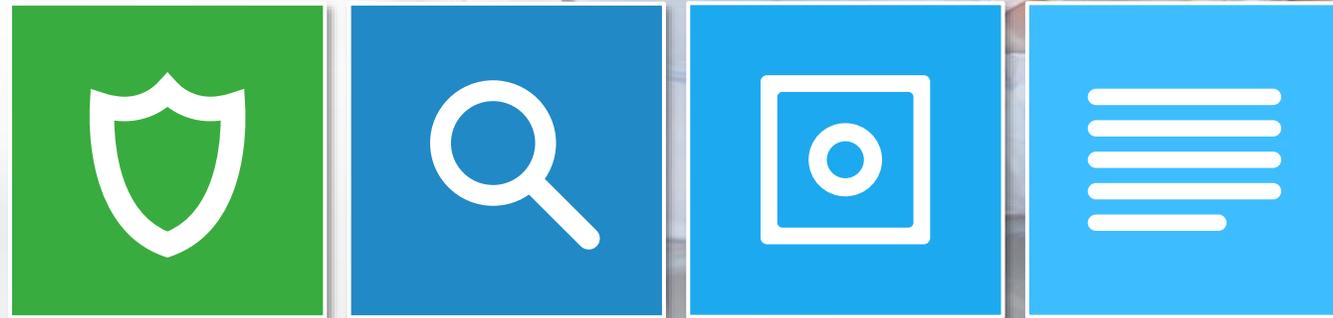


**EMSISOFT**



# Emsisoft Business Security

September 2019

[www.emsisoft.com](http://www.emsisoft.com)

Companies have paid billions in ransom demands  
because their security let them down.

Don't be the next victim.

# Emsisoft simplifies your security

The screenshot displays the Emsisoft Business Security dashboard. At the top, it states "Your computer is protected by Emsisoft Business Security". The main area is divided into four primary sections: "Protection" (green), "Scan & Clean" (dark blue), "Logs" (light blue), and "Settings" (light blue). The "Protection" section lists features: SURF PROTECTION, FILE GUARD, BEHAVIOR BLOCKER, and ANTI-RANSOMWARE. The "Scan & Clean" section lists: QUICK SCAN, MALWARE SCAN, CUSTOM SCAN, and QUARANTINE. The "Logs" section shows "13 MALWARE OBJECTS DETECTED SO FAR". The "Settings" section shows "SECURITY SETTINGS & NOTIFICATIONS". Below these sections, there are status indicators for "Firewall (Windows)" (ON) and "Network lockdown" (OFF). It also shows "Last update: 1 hr ago" and "Managed by workspace EBS Test". At the bottom, there is a "Recommended security reading" section with the title "To pay or not to pay ransomware: A cost-benefit analysis of paying the ransom" and social media links for Facebook, Twitter, and YouTube.

*'It's not the name recognition that counts, but the quality of the product and the service behind it - and no one does antivirus better than Emsisoft.'*

- Ed V., Emsisoft customer -

# Emsisoft Business Security

*is*

made to protect **small and medium** sized businesses;

created by the world's best **ransomware experts**;

**super-fast** and low on resource use;

**multi-layered** protection;

built with **privacy** in mind;

beautifully crafted for **easy use**;

making security management **simple**;

**loved** by customers all around the world.

# Four proven protection layers to block online threats on all levels

## 1. Web Protection & Browser Security

If a user attempts to access a malicious website, Emsisoft Business Security will immediately block the connection and prevent access.

Leading privacy conscious filtering without SSL exploitation.

## 2. Real-time File Guard

This real-time protection layer checks all downloaded and modified files with the award-winning super-fast Emsisoft dual-engine scanner.

Including machine learning (AI)-supported malware detection.

## 3. Behavior Blocker

To stop new and emerging threats, Emsisoft Business Security continuously monitors the behavior of all active processes and immediately raises an alert if suspicious activity is detected.

## 4. Anti-Ransomware

Custom-built behavioral monitoring stops ransomware before it can encrypt precious business data.

500,000 new threats  
- every day -



1

2

3

4

# Stop Ransomware. Before it encrypts your files.

## Signature-based detection

Thanks to our intelligence gathering network and exclusive partnership with ID Ransomware, we discover new and emerging threats fast. Because of this, we're often first-to-market with protection against new and emerging threats ensuring your endpoints are protected in the shortest possible time.

## Behavior-based detection

Emsisoft Business Security constantly monitors for ransomware-like actions such as the manipulation of important processes and raises an alert if suspicious behavior is detected.



## Exploit detection

Interrupts the attack chains used by ransomware. Exploit detection and attack surface reduction in common applications such as Microsoft Office ensure that ransomware is blocked, whether the vector is email, insecure RDP or unpatched vulnerabilities.

## Ransomware-specific behavior

Automatically detects and blocks known ransomware behavior such as encrypting a large number of files, dropping a ransom note-like document or attempting to encrypt or delete backups.

***Emsisoft Business Security delivers better protection from ransomware because it's built by the best.***

***Fabian Wosar (UK)***

*"Known in the industry as one of, if not the, best ransomware expert." - BBC News.*

***Michael Gillespie (US)***

*Recipient of the FBI Director's Community Leadership Award for his work on ransomware.*

# Manage your business easily with Emsisoft Cloud Console

The screenshot displays the Emsisoft Cloud Console interface for 'Contoso Ltd.'. The left sidebar contains navigation options: MY OWN (Devices, Licenses), CLOUD CONSOLE (Workspaces, CONTOSO LTD., Protection Policies, Permission Policies, Settings, ASUS-ROG), Scan, Quarantine (2), and Logs. The main content area shows a 'Managed devices' table with columns for Device name, Status, Last update, Last scan, Last alert, Protection Policy, Last user, and User Policy. Below the table is an 'Unresolved issues' section with a message: 'Device "SORIN" hasn't updated for 2 days. Fix now'. At the bottom, there are two charts: 'Devices' (a donut chart showing 5 total devices: 2 Protected, 1 Not managed, 2 Unused seat) and 'Protection alerts' (a line chart showing alerts for Surf Protection, File Guard, Behavior Blocker, and Scanner from July 15 to August 5, with a peak of 6 alerts on Thursday, July 19, 2019).

Device name	Status	Last update	Last scan	Last alert	Protection Policy	Last user	User Policy
LAPTOP17	PROTECTED	16 mins ago	12 days ago	109 days ago	Management 14 edits	EMSI	Default for admins
KOHANGA	RELAY PROTECTED	48 mins ago	258 days ago	Never	Marketing 9 edits	EM	Default for admins
GRINDELWALD	PROTECTED	4 hrs ago	17 days ago	Never	Marketing 3 edits	DANA	Default for admins
SORIN	NOT MANAGED	2 days ago	17 days ago	17 days ago	Marketing 6 edits	DELL	Default for admins
DANA-EMS	OFFLINE	13 hrs ago	13 hrs ago	13 days ago	Beta 5 edits	DANA	Default for admins

An easy-to-use web-console for managing the protection of all your endpoints, clients and sites.

Shipped with Emsisoft Business Security.

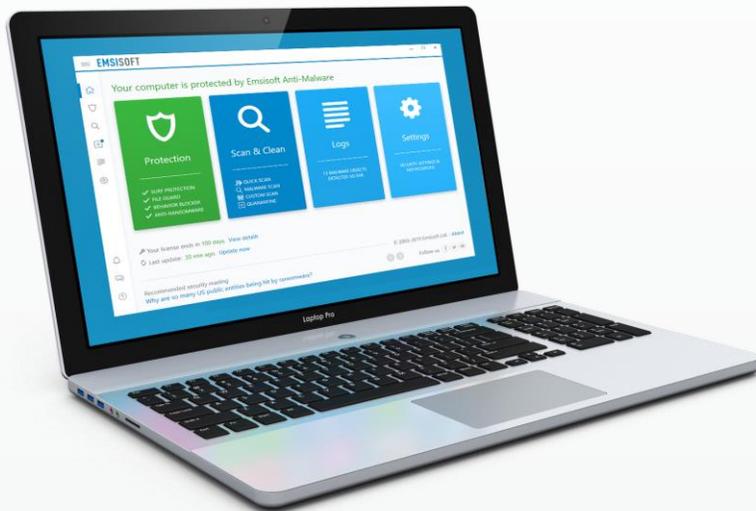
*'This is a game changer'*

- McFarland IT Solutions -

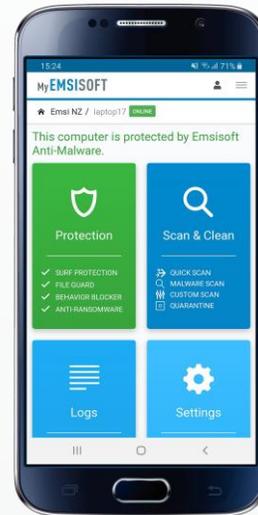
# Remote security-management from any device

*'This is hands down the best cloud access I have ever seen with antivirus. It is literally a mirror of what you see on the desktop.'* – Stedman Computer Solutions

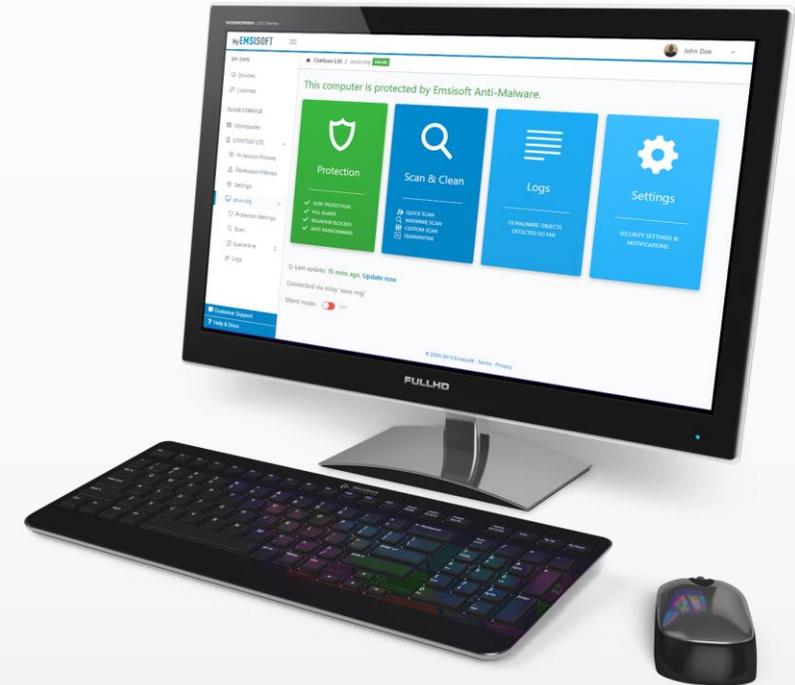
Protected Device



Mobile App



Online Console



Manage your protected devices and respond to alerts anywhere, any time. Emsisoft Cloud Console can be accessed via any web browser or via apps for Android and iOS. See exactly what your users see. Being out of the office doesn't mean you have to be out of touch.

Emsisoft Cloud Console ships with Emsisoft Business Security.

```
a2cmd.exe [path] | [parameters]
```

Scan types (can be used together):

```
/f=[], /files=[path] Scan files. Full path to file or folder required
/quick Scans all active programs and Spyware Traces
/malware Good and fast result, but only important folders will
be scanned
/rk, /rootkits Scan for active Rootkits
/m, /memory Scan Memory for active Malware
/t, /traces Scan for Spyware Traces
```

```
/fh=[handle] /pid=[PID] Scan file by handle. Process ID of the
handle is required
/b=[pointer] /bs=[size] /pid=[PID] Scan buffer. Buffer size and process ID
are required
```

Scan settings (used with scan types):

```
/pup Alert Potentially Unwanted Programs (PUP)
/a, /archive Scan in compressed archives (zip, rar, cab)
/am Scan in mail archives
/n, /ntfs Scan in NTFS Alternate Data Streams
/cloud=[] If it is "1" then scanner will use cloud
requests (default value is "1")
/dda, /directdiskaccess Use direct disk access
/l=[], /log=[filepath] Save a logfile in UNICODE format
/la=[], /logansi=[filepath] Save a logfile in ANSI format
/x=[], /ext=[list] Scan only specified file extensions, comma
delimited
/xe=[], /extexclude=[list] Scan all except the specified file extensions
/wl=[], /whitelist=[file] Load whitelist items from the file
/d, /delete Delete found objects including references
/dq, /deletequick Delete found objects quickly
/q=[], /quarantine=[folder] Put found Malware into Quarantine
/rebootallowed Allows automatic OS restart, if this is required
to remove found threads
/s, /service Run scan via windows service and keep the engine loaded
```

Malware handling (standalone parameters):

```
/ql, /quarantinelist List all quarantined items
/qr=[], /quarantinerestore=[n] Restore the item number n of the quarantine
/qd=[], /quarantinedelete=[n] Delete the item number n of the quarantine
```

Online updates:

```
/u, /update Update Malware signatures
/uf=<feed>,
/updatefeed=<feed> Update from specified update feed
Applicable only to standalone a2cmd package.
/proxy=[proxyname:port] Proxy address and port number
/proxyuser=[username] Proxy user name
/proxypassword=[password] Proxy user password
```

General commands:

```
/? , /help Show help message
```

Result codes:

```
0 - No infections were found
1 - Infections were found
```

# Automate your malware scanning workflow with Emsisoft Commandline Scanner

Emsisoft Business Security ships with an advanced command line interface that is optimized to provide high performance in heavy load environments. All features of the regular Emsisoft scanner are supported via command line.

## Typical uses of Emsisoft Commandline Scanner:

- Automatic scans of incoming data at a file- or webserver.
- Virus scan integration in custom workflows such as email, chat, ticket systems, project management tools, etc.

## More automation features in Emsisoft Business Security:

- Receive protection status updates and alert notifications via email and webhooks.
- Use the public monitoring API to integrate antivirus with your network management systems.



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# Optional: Add protection for your Windows Server

The **Emsisoft Enterprise Security** license plan upgrade enables installation on Windows servers.



## Operate without user login

Emsisoft Enterprise Security is not dependent on a logged in user to protect your data. The real-time protection begins to operate right from boot time.



## Email notifications

Get instant email notification whenever a malicious file is detected, to allow for instantaneous response and further investigation.



## Monitor file shares

Risk-exposed file servers are actively monitored and protected in real-time.



## Monitor connected storage devices

Any new devices that connect to your server are automatically and immediately protected. No action required.



## Integrate with third-party software

The included Emsisoft Commandline Scanner is known to be one of the most sophisticated and flexible command line interfaces around, providing top performance with frequent scans.



## Save your server's hardware resources

Your server's hardware power belongs to your business, not to your antivirus. Emsisoft Enterprise Security is very light on resource requirements.

# Emsisoft's benefits

*'One word: Wow! Not only did I receive a response to my issue quickly, you nailed every single detail in your accurate diagnosis.'* - Nicholas Amaryll



## Awesome Support

If you've had bad support experiences in the past, you'll find us refreshingly different. When you need help, we'll have your back.



## No Hard Sells.

That's not how we do business. Our sales team is there to help, not to hassle.



## Constantly Updated

Monthly release cycles combined with hourly signature updates ensure endpoints and servers are protected against a rapidly evolving threat landscape.



## Streamlined and Fast

No unnecessary features. No bloat. Emsisoft Business Security is designed to do one thing only: protect your endpoints and servers with minimal performance impact.



## Save Time and Money

Our products are designed to be easy to use and easy to manage. Spend less time on security and more time on running your business.



## Satisfaction Guaranteed

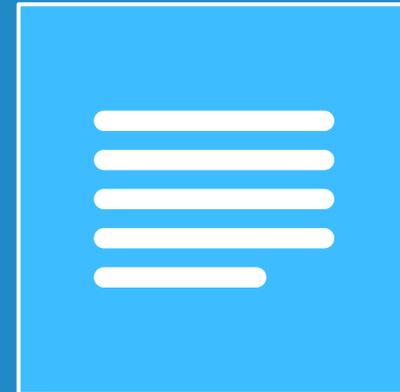
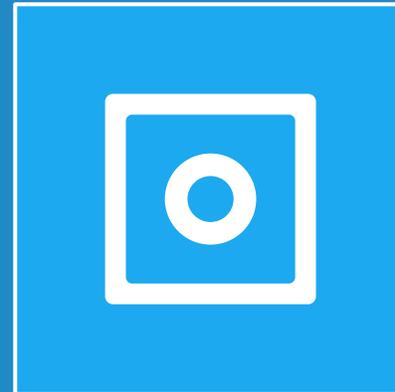
All Emsisoft products are backed by a no-hassle, 30-day money-back guarantee.



**EMSI**SOFT

# Get started now!

Protect your organization with Emsisoft Business Security.



Free 30-Day Trial

[sales@emsisoft.com](mailto:sales@emsisoft.com)

[www.emsisoft.com](http://www.emsisoft.com)