

Ensured security

Cloud ready

VPN-free

Simple installation

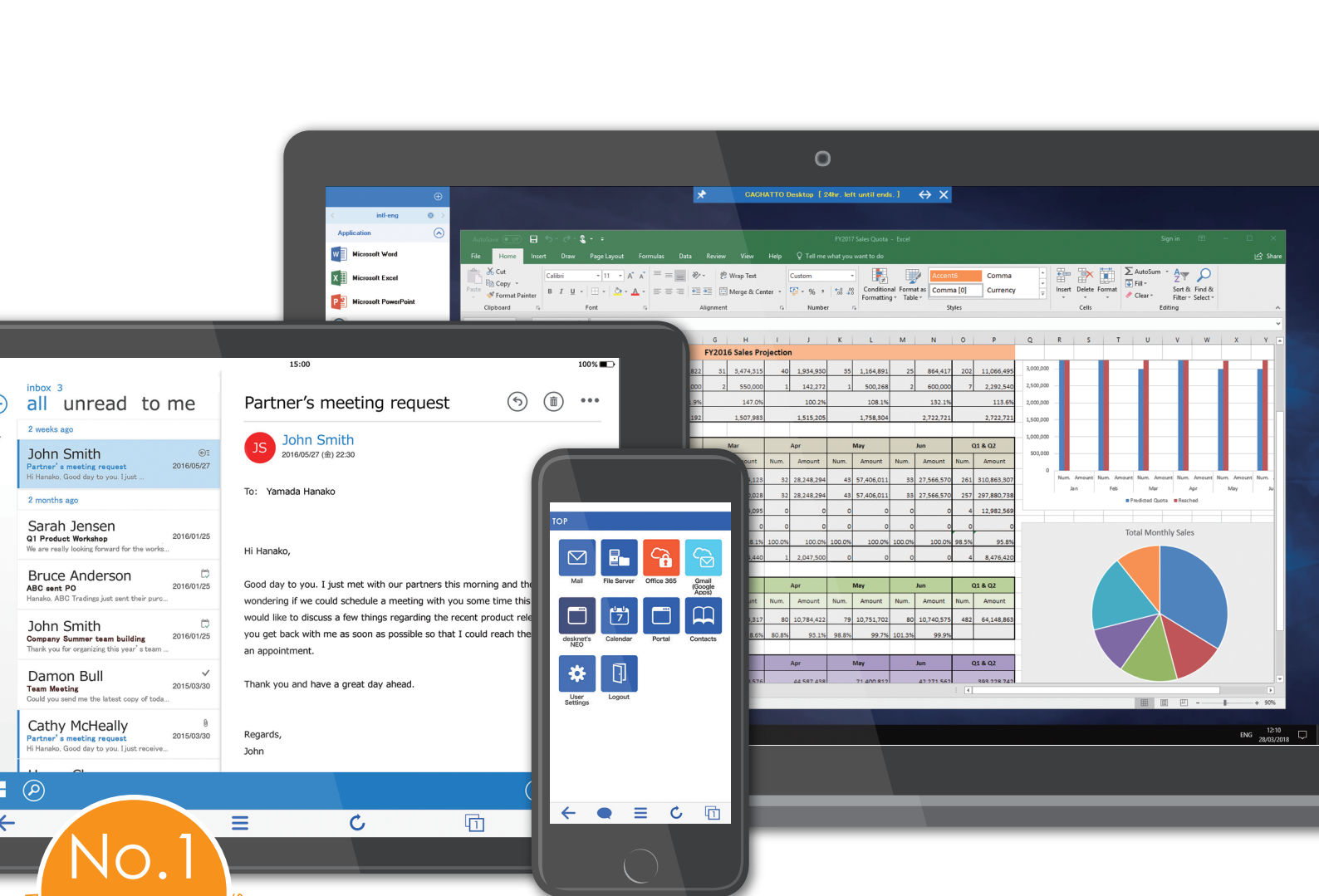
BYOD optimised

Secure Unified Digital Workspace™

# CACHATTO®

## Secure access

- Anytime, Anywhere, Any device -



**No.1**  
in shares for  
6 consecutive  
years

Remote access for smart devices

MIC Research Institute (Published in 2012 - 2017)  
ITR Pte Ltd (Published in 2012 - 2017)



## CACHATTO platform

Secure access to your enterprise data from smartphones, tablets, desktops, or laptops. CACHATTO supports multiple operating systems in a single solution, focusing on data security for any work situation on any device or operating system.



**CACHATTO SecureBrowser**

Smartphone/tablet

**CACHATTO Desktop**

Windows desktop/laptop

## Data security solution for easy access to cloud and on-premise resources

### Objective 1

**Consistent and comprehensive**



### With CACHATTO

- Secure access from any device (smartphone, tablet, desktop, laptop)
- Compatible with a variety of operating systems (Android, iOS, Mac, Windows)

### Objective 2

**End-point data security**



### With CACHATTO

- Data leak prevention by isolation on end device
- Complete segregation of personal and work content on one device

### Objective 3

**Internal/external isolation**



### With CACHATTO

- No direct access to corporate network/servers from end devices
- Individualised parameters for each account user




# Workstyle versatility

Allows telecommunication



CACHATTO Desktop


Create, open and edit work files in an offline environment



CACHATTO Desktop


Corporate and personal data are isolated on end-devices

Data isolation




CACHATTO Desktop

Enables BCP (Business Continuity Plan) for unexpected events




CACHATTO Desktop

Dynamic and individualised access parameters for each user/partner



CACHATTO Desktop


Allows secure collaboration with partners



CACHATTO Desktop

**Objective 4**

Easy setup and implementation




**With CACHATTO**

- Easy configuration and management
- No VPN or changes to firewall settings necessary

**Objective 5**

Reliable support system




**With CACHATTO**

- CACHATTO Helpdesk provides support by telephone, and email
- 24/7 CACHATTO server connection monitoring

**Objective 6**

Cost-effective and proven



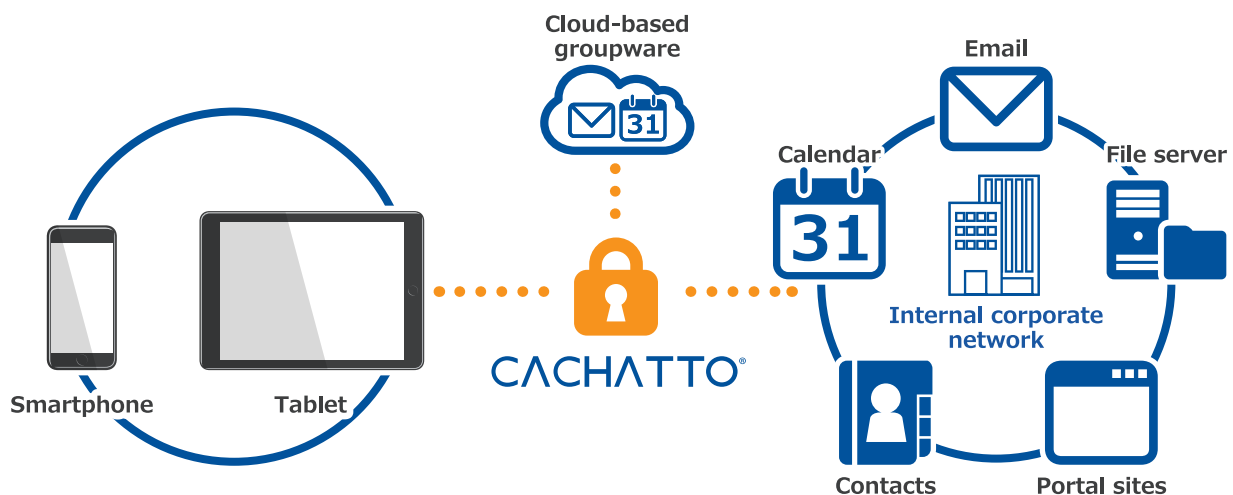
**With CACHATTO**

- Minimal CapEx along with simplified management and a BYOD workstyle results in reduced IT costs



## CACHATTO: Secure access - anytime, anywhere

CACHATTO allows secure access to cloud-based collaborative software, corporate email, calendar, address books, file servers, etc. CACHATTO enables an offsite connection on a variety of devices including smartphones, tablets, and PCs.



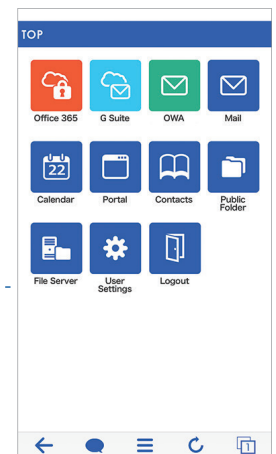
## Product information

### Corporate and personal data isolation

The system focuses on protecting your corporate data, and does not require additional monitoring or management tools, giving users peace of mind. It eliminates security risks by not accessing corporate servers directly.

### No corporate data stored

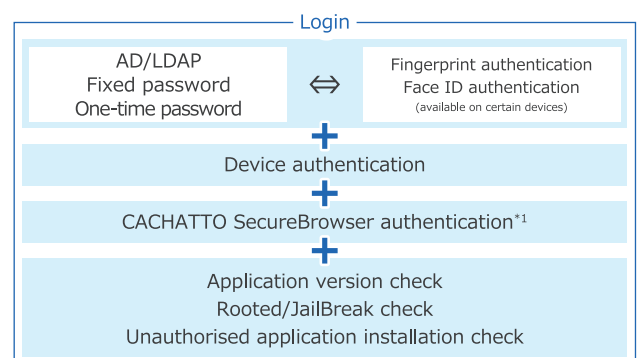
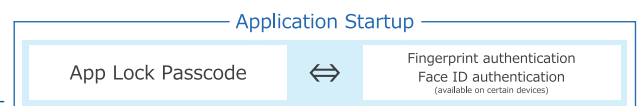
Prevention of security breach via no-cache, non-sharing features. No data is stored on the device, which prevents security breaches in the event of devices theft or loss.



### Multi-factor authentication

Multi-factor authentication guarantees a high level of security. The authorisation process when logging into CACHATTO comprises of App lock, SecureBrowser login, device authentication, SecureBrowser authentication, and application version check.

\*1 SecureBrowser refers to CACHATTO SecureBrowser.





## CACHATTO Desktop: A secure, virtual workspace

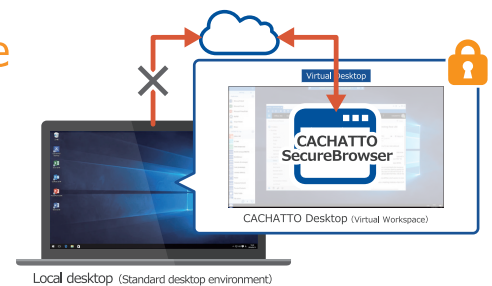
CACHATTO Desktop is a Windows application used with CACHATTO. It enables business efficiency through security on managed and unmanaged devices. CACHATTO's high level of security allows for file-editing with local PC applications for a secure virtual workspace with offline capabilities.



## Product information

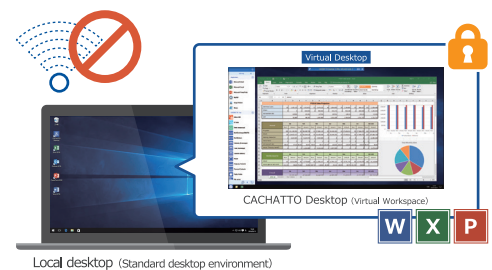
### Enhanced security of cloud-based software

With CACHATTO SecureBrowser, securely access cloud-based groupware such as Office 365 and Google Apps, as well as corporate resources.



### View and edit offline

Viewing and editing files is still possible in areas with unstable internet access. Microsoft Office files can be edited using applications from local resource.



### Temporarily saved data and virtual workspace erased upon logout

Files in the virtual environment are deleted along with the workspace upon logout or when the session ends; no data is left on the local device.

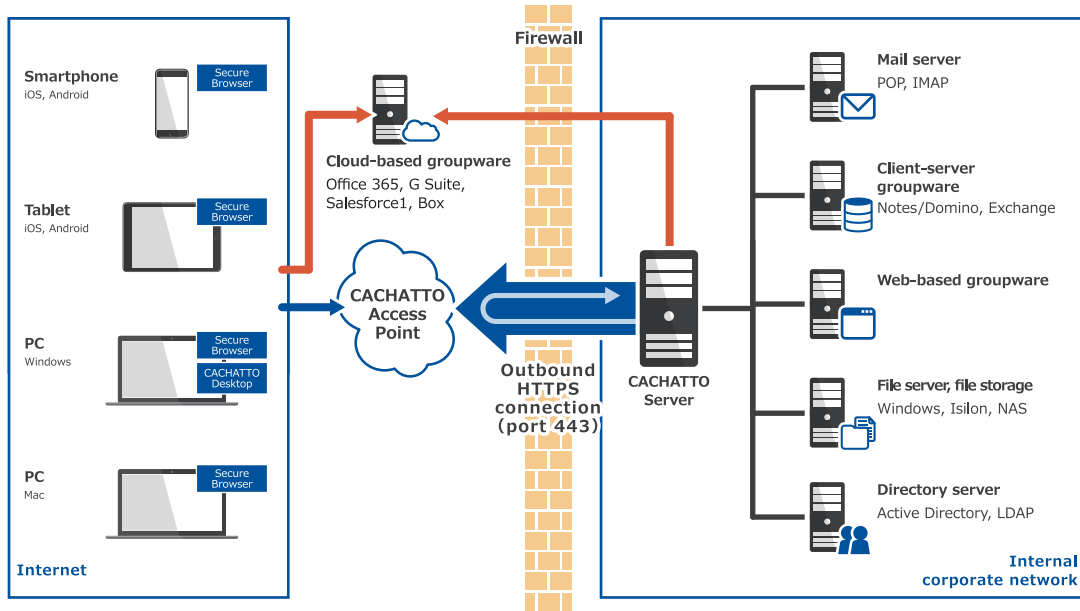


# System architecture



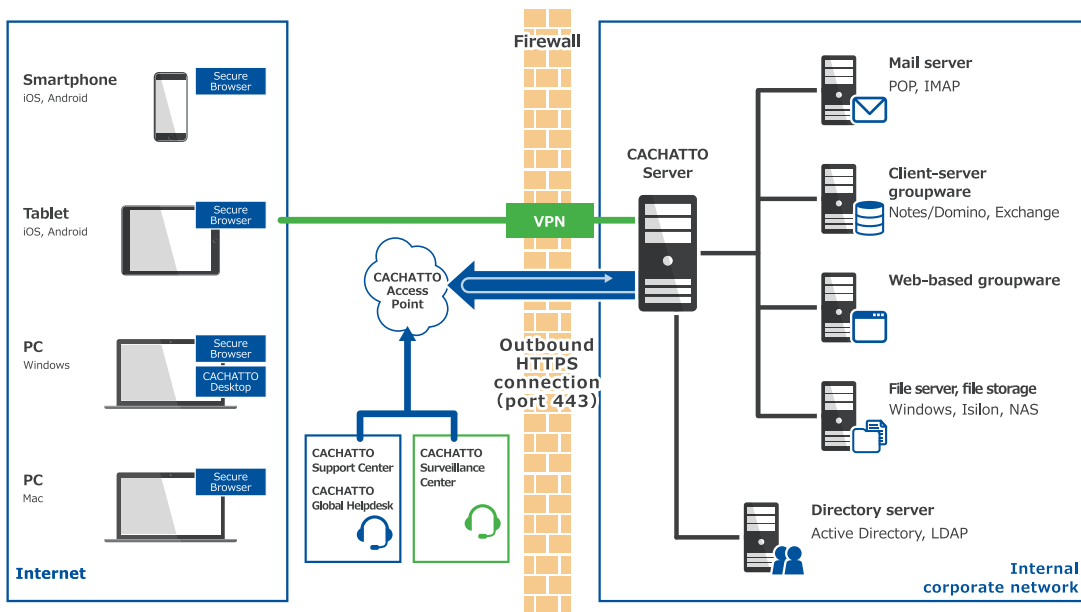
## General system

The CACHATTO server is placed within the corporate network. It is accessible to mobile clients via CACHATTO Access Point.



## Direct-access system

Without connecting to CACHATTO Access Point, the existing connection or environment can fully utilised while maintaining the same level of security with the combination of CACHATTO and reverse proxy, SSL-VPN, a closed network, etc.

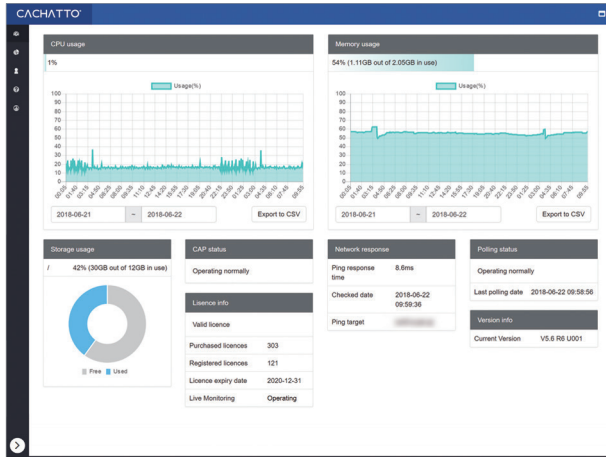


\*Secure Browser refers to 'CACHATTO SecureBrowser'. \*To activate push notifications for new emails, a connection to Apple Push Notification service (APNs) or Google Cloud Messaging (GCM) must be enabled in the CACHATTO server. In countries without GCM, it may not be possible to use the push notification feature on Android. \*To connect to the corporate Active Directory for cloud-based groupware, having AD FS Proxy Server, Active Directory Federation Server, or similar services may be required.



## CACHATTO management

Managing CACHATTO can be done solely on corporate network through the Administrator Page (web page).



\*Dashboard in Administrator Page

### Main features:

- Specified usable resources
- Unique MDM settings
- Detailed user settings (available interface, etc.)
- Mail server and application link settings
- Proxy server and security policy settings
- Administrator and user logs
- Free online updates for the latest version of CACHATTO

## CACHATTO support

The CACHATTO Global Helpdesk provides well-rounded support to system administrators.

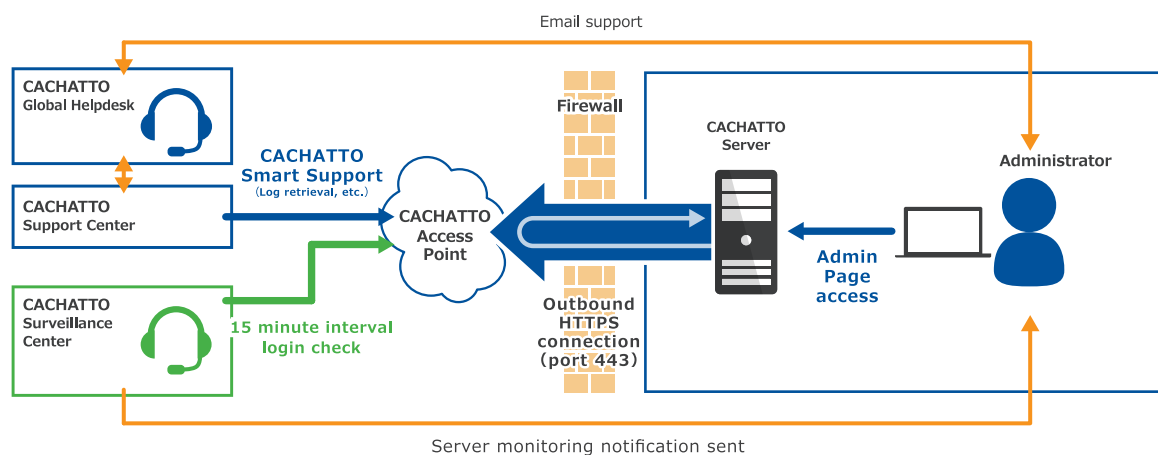
### CACHATTO Support centre

- Support for email and phone queries
- CACHATTO Smart Support

### Live Monitoring

- Login check
- Server monitoring notifications sent to administrator

### CACHATTO support structure



### CACHATTO Smart Support

Our support service, including CACHATTO Smart Support and 24/7 Live Monitoring, is provided by e-Jan Networks. e-Jan Networks does not have direct access to clients' corporate networks or servers.

For more information, please visit the  
**CACHATTO homepage**

<https://www.cachatto.com/sg>

**CACHATTO**  
**Free trial available now!**

Start your free one-month trial at any time!

Contact our sales department or partner vendors for more information.

## Operation/specifications

### Compatible servers/applications/storage

Groupware (on-premise)	IBM Notes/Domino Microsoft Exchange	Mail server	POP3/APOP compatible IMAP4 compatible
Groupware (cloud)	Microsoft Office 365 (Exchange Online) G Suite (Google Apps for Work) Salesforce1, Box	File server	Windows Server Isilon NAS *1

\*Depending on the application version, customisation, interface (mobile phone, smartphone, tablet, PC), some features may be limited or unavailable. \*For mobile phones, some options may be required by the provider (changes may be applied). \*Please visit the E-Jan International product page for more details. \*1 SMB Direct Hosting (Server Message Blog) (445/TCP) is required for use. May not be able to connect depending on the device.

### CACHATTO server hardware requirements

	Up to 250 users	Up to 1000 users	Up to 2000 users	Up to 5000 users
CPU	Xeon 1.8GHz 4 Core × 1	Xeon 2.4GHz 4 Core × 1	Xeon 2.4GHz 6 Core × 1	Xeon 2.4GHz 8 Core × 2
RAM	2 GB	4 GB	8GB	16GB
HDD	36GB	73GB	146GB	400GB
OS	Red Hat Enterprise Linux 6 / 7.1 / 7.2 / 7.3 / 7.4, CentOS 6.4 / 6.5 / 6.6 / 6.7 / 6.8 / 6.9 / 7.1 / 7.2 / 7.3 / 7.4			

\*The hard disk is primarily used for storing log data. Size of required storage may depend on the length of time and the quality of log storage. The above requirements can store 10 days of user log details for 90 days. \*The server must be provided by the customer; a virtual environment officially supporting the indicated OS may also be used. \*Disclaimer: CentOS was created by unpaid volunteers and is provided free of charge. \*Red Hat Enterprise Linux 7.0 and CentOS 7.0 are not supported.

### CACHATTO Desktop specifications

Supported OS <sup>*2</sup>	Windows 10 (64bit) Windows 8.1 (32bit/64bit) Windows 7 (32bit/64bit)	Memory	Over 4GB <sup>*5</sup>
Supported Office application	Microsoft Office 2010 and above <sup>*3</sup> Microsoft Visio, Project (Project Standard) 2016 WPS Office (Kingsoft Office 2016)	Hard disk	Over 200MB free space
CPU	Core i3-6100U and above Core i5-3200 and above <sup>*4</sup>	Display	Fulfills OS system requirements
		Network	Capable of internet connection
		Other	Cannot be opened with Built-in Administrator account; must be opened with account with administrator/standard user privileges.

\*2 On Windows OS, User Account Control must be enabled. \*3 The full version of Microsoft Office (Excel, Word, Powerpoint) must be installed. Trial versions are not supported. Microsoft Office applications provided with the purchase of Office 365 are also supported. (However, file-saving occurs only in CACHATTO Desktop.) \*4 Excluding low voltage Core i5-3xxxU, low voltage versions must be i5-5257U or above. \*5 When CACHATTO Desktop is running, a PC with a memory of 4GB requires 512MB of available memory, while a 8GB PC requires 768MB.

### Supported files (CACHATTO SecureBrowser and CACHATTO Desktop)

Supported file formats	Microsoft Word 2010, 2013, 2016 Microsoft Excel 2010, 2013, 2016 Microsoft PowerPoint 2010, 2013, 2016 Microsoft Visio, Project (Project Standard) 2016 WPS Office (KINGSOFT Office 2016)	PDF files Text files Image files (GIF, JPG, PNG) ZIP files
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\*Files larger than 20MB cannot be viewed. \*Password protected Microsoft Office files can be opened on iOS, Android, Windows, and Mac (mobile phones excluded). \*ZIP files and password protected ZIP files can be opened on iOS and Android only. Mobile phones, Windows, and Mac are excluded. \*For use with mobile phones, it is recommended to view files as converted text files. \*Depending on the individual OS, file format, Microsoft Office version, and security settings, the file may not be displayed properly. \*When viewing DocuWorks files, DocuWorks Viewer Light must be installed on the device.

#### Sales

**e-Jan** E-JAN INTERNATIONAL Pte. Ltd.  
<https://www.cachatto.com/sg>

**Office** 168 Robinson Road, #12-01 Capital Tower,  
 Singapore 068912

E-Jan International Pte. Ltd. is a wholly owned subsidiary of e-Jan Networks Co. Japan

#### Developer

**e-Jan** e-Jan Networks Co.  
<https://www.e-jan.co.jp/>

**Main office** 8F Sumitomo Fudosan Ichibancho building,  
 Chiyoda-ku, 8 Ichibancho, Tokyo, Japan 102-0082

e-Jan Networks Co. was established under the Toray Industries Venture Support System.



IS 681141 / ISO 27001