

Ensured  
security

Cloud  
ready

VPN-free

Simple  
installation

BYOD  
optimised

e-Jan

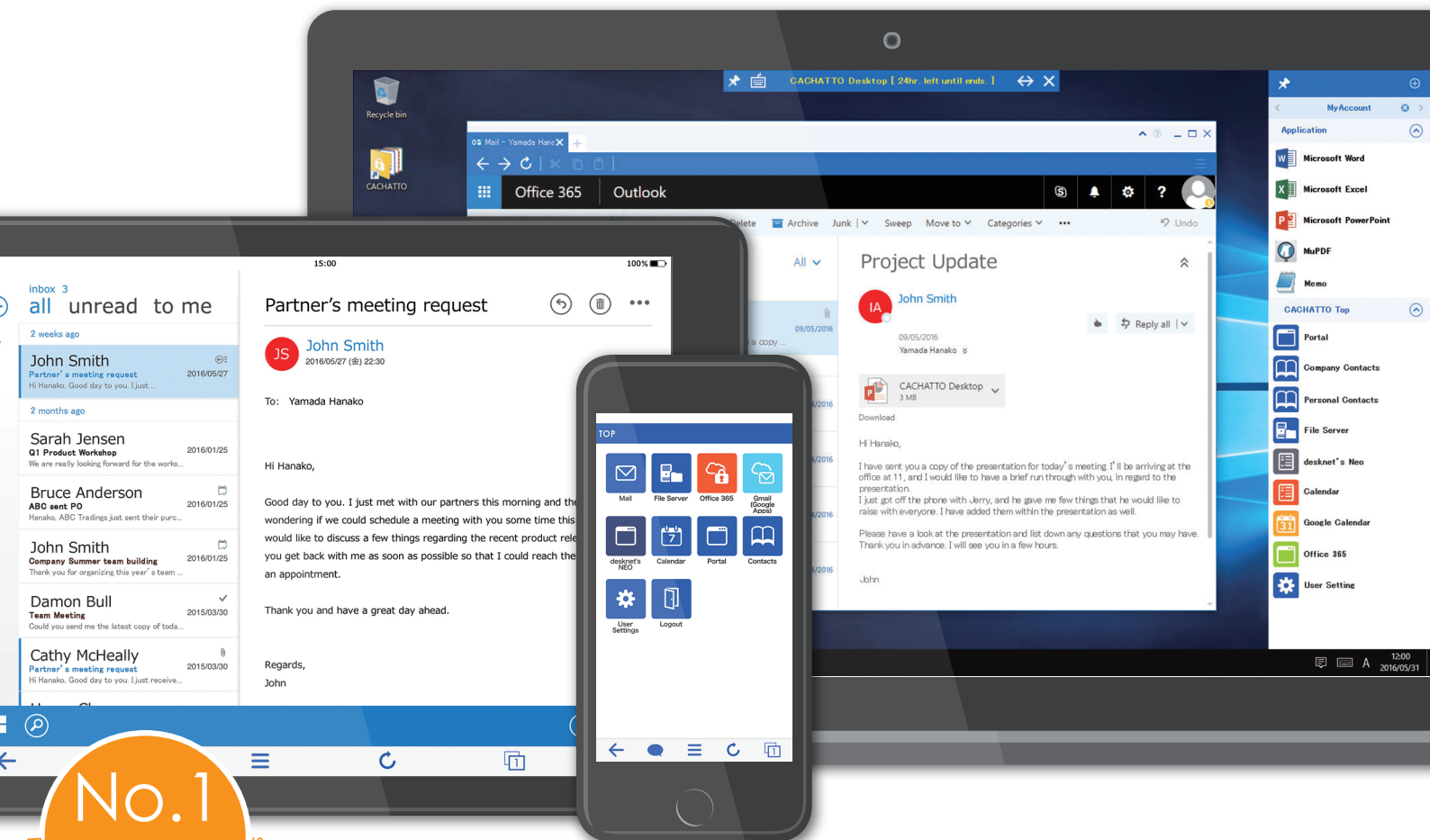
e-Jan Networks Co.

Remote access service for enterprise

# CACHATTO®

## Universal Workplace®

- Anytime, Anywhere, Securely -



No.1

in shares for  
4 consecutive  
years

Remote access for smart devices

MIC Research Institute (Published in 2012 - 2015)  
Fuji Chimera Research Institute (Published in 2013 and 2015)  
ITR Pte Ltd (Published in 2012 - 2015)

# Anytime

With a device for any time and place



Office



Commute



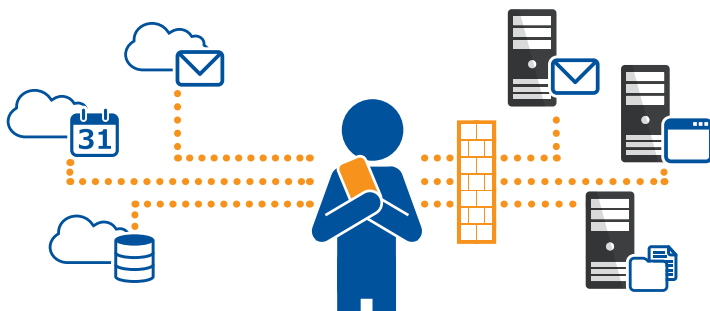
Business meeting



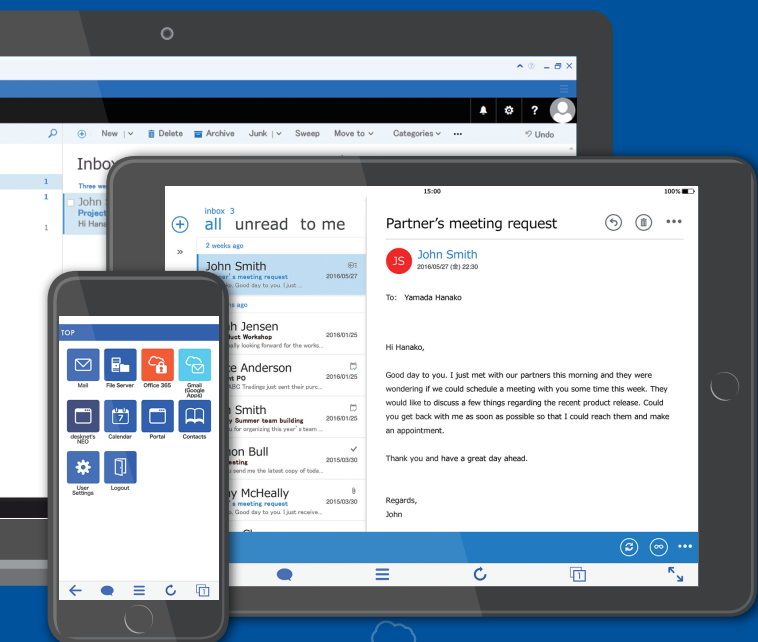
Home

# To a variety of systems

Cloud and on-premise



# Universal



Remote access service for enterprise

# CACHATTO®

Secure and easy access to the cloud and on-premise resources through smart devices.

# Anywhere

From any place with internet connection



## Workplace®

## Securely

No data stored on devices



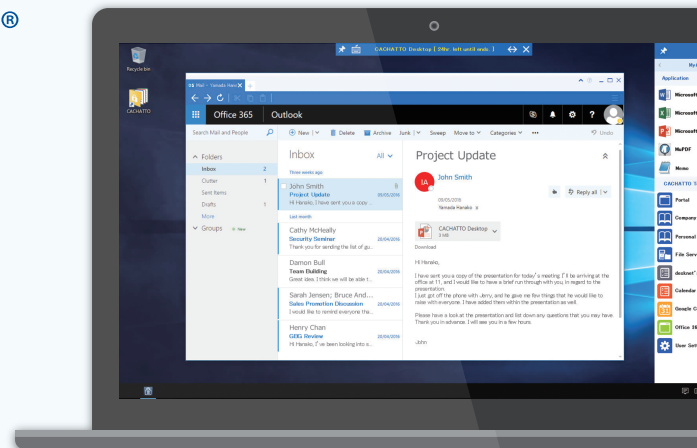
## Enhancing your workstyle

Virtual Workspace Client

# CACHATTO® Desktop

Edit files offline with a Windows-based,  
secure virtual workspace

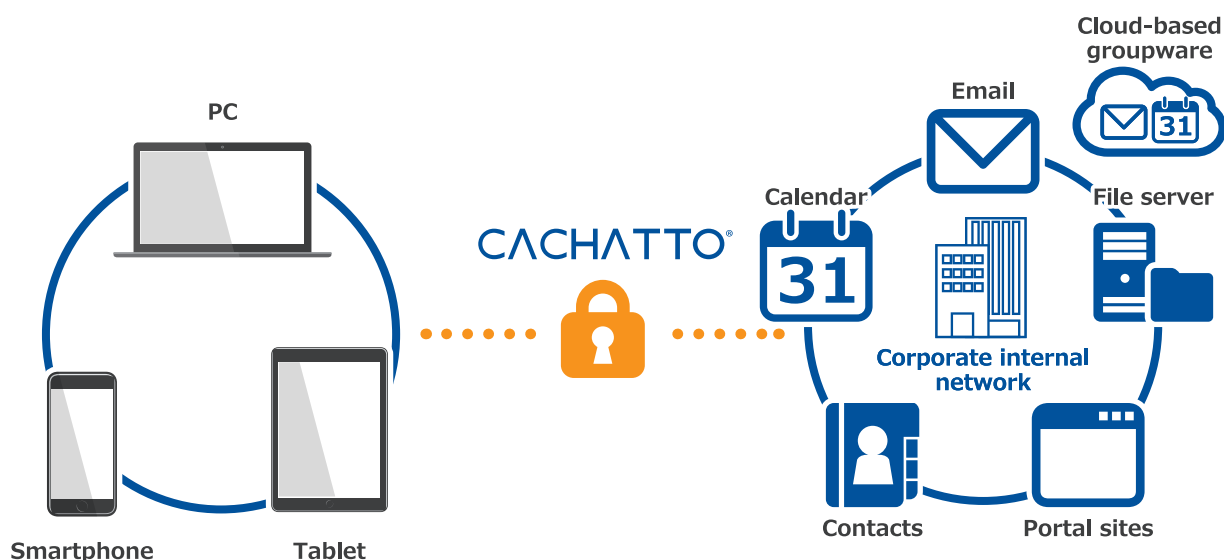
Additional application





## A highly secure offsite connection

CACHATTO is a remote access service that enables a highly secure offsite connection to cloud-based collaborative software and corporate emails, calendars, file servers, address books, etc. from a variety of devices including smartphones, tablets, and PCs.



## Versatile workstyle

Securely view files from the file server anytime for sales purposes



Approve office requests from any location



Thanks to BYOD, personal devices can be used for work-related tasks



Allows creation and editing of business documents in an offline environment



CACHATTO Desktop

Enables telecommuting for child-care and caregivers



CACHATTO Desktop

Enables BCP (Business Continuity Plan) in the event of environmental hazards



CACHATTO Desktop





# Product information

## Simple implementation

- No VPN or changes to firewall settings necessary<sup>\*1</sup>
- No major changes need to be applied to existing corporate system
- Supports implementation of virtual environments



## Optimised for BYOD (Bring Your Own Device)

- No data stored on device, prevents security breaches in event of theft or loss of device  
(With CACHATTO Desktop, temporary data storage is allowed on a secure environment)
- Eliminates security risks by not directly accessing corporate servers
- Does not require installation of monitoring or management tools, reducing stress on the user



## On-premise access to the cloud is secure and simple

- Access the cloud by connecting to existing corporate authentication<sup>\*2</sup>
- Prevention of security breach via no-cache, non-sharing features  
(With CACHATTO Desktop, temporary data storage is allowed on a secure environment)
- Ideal for those unsatisfied with online-based Office applications  
(CACHATTO Desktop uses pre-existing Office applications on the PC)



## Reliable support system

- e-Jan Global Helpdesk provides telephone, email, and remote support
- 24/7 CACHATTO server connection monitoring



<sup>\*1</sup> Outward bound HTTPS (port443) communication is required. For email push notifications, additional settings may be required.

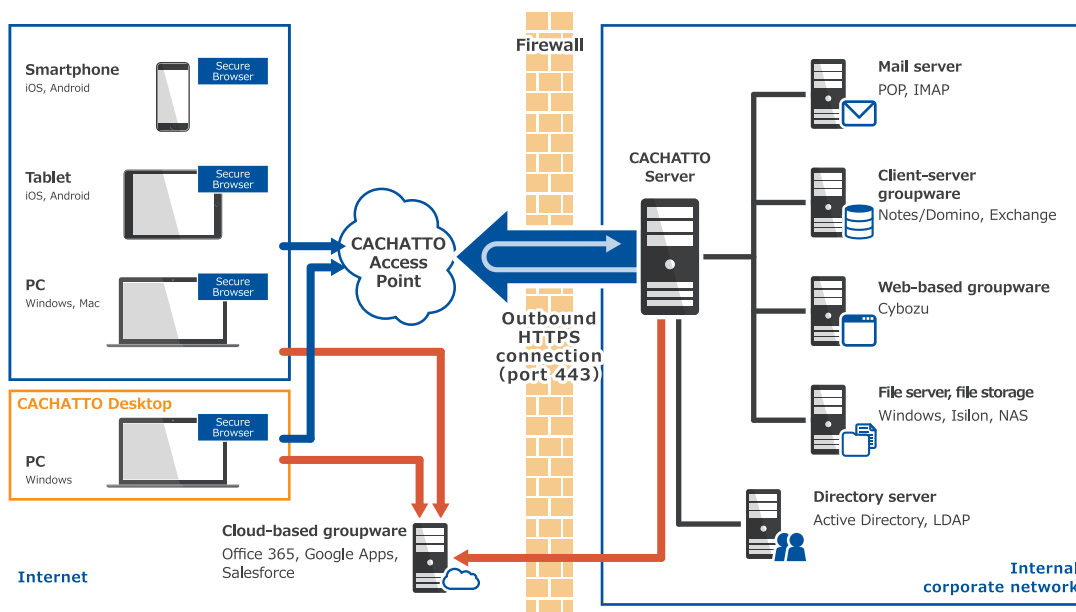
<sup>\*2</sup> To connect to the corporate Active Directory, having AD FS Proxy Server, Active Directory Federation Server, or similar services is required.

# System structure



## General system structure

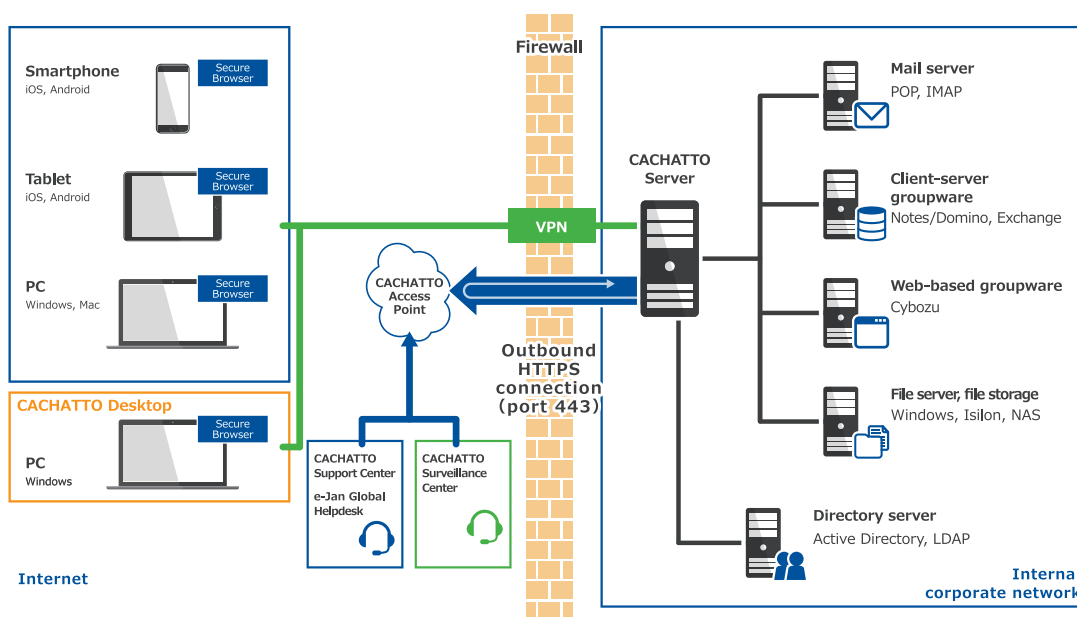
The CACHATTO server is placed within the corporate network. The CACHATTO server is accessible to mobile clients via the CACHATTO Access Point.



## Other system structures

### CACHATTO direct access (connection with VPN)

Without connecting to CACHATTO Access Point, companies can fully utilize the existing connection environment and at the same time experience high-level security with the combination of CACHATTO with reverse proxy, SSL-VPN, a closed network, etc.

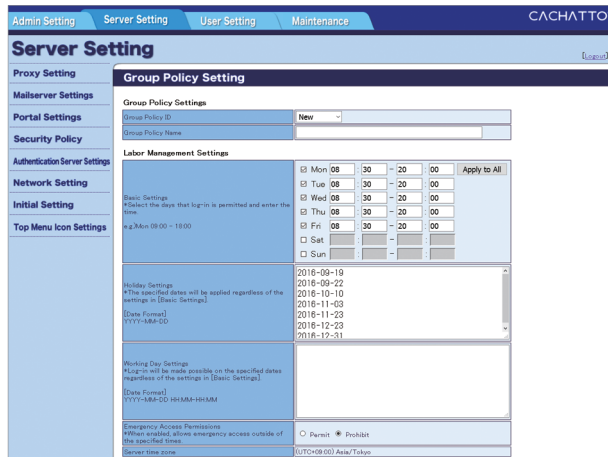


\*Secure Browser refers to 'CACHATTO SecureBrowser'. \*To use push notifications for new emails, a connection to Apple Push Notification service (APNs) or Google Cloud Messaging (GCM) must be enabled from the CACHATTO server. In countries without GCM, it may not be possible to use the push notification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



## CACHATTO management

Management of CACHATTO can be done solely from the corporate network through the Administrator Page (web page).



### Main features:

- Customisable CACHATTO TOP page
- MDM settings unique to CACHATTO
- 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 newest version of CACHATTO

## CACHATTO support

The e-Jan Global Helpdesk provides a well-rounded support to all system administrators.

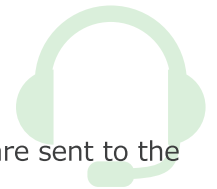
### Smart Support

- Support for email queries
- CACHATTO Smart Support

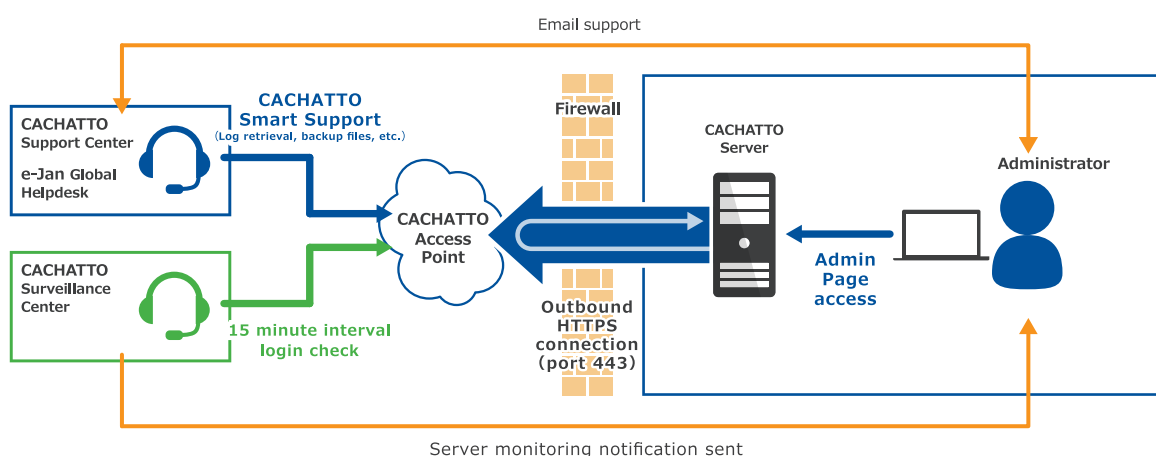


### Live Monitoring

- Login check
- Server monitoring notifications are sent to the administrator



### CACHATTO support structure



### CACHATTO Smart Support

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

# Various functions



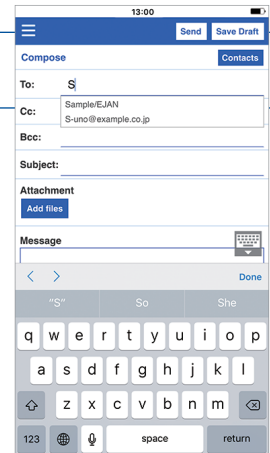
! Depending on the device/OS, some features may be unavailable.



## Email functions

- Auto-complete when entering addresses
- Prevents loss of email drafts when internet connection is interrupted
- Access corporate intra-web and file server via links in email
- Attach photos and images (iOS, Android)
- View HTML email
- View Notes rich text email
- Push notifications for new emails

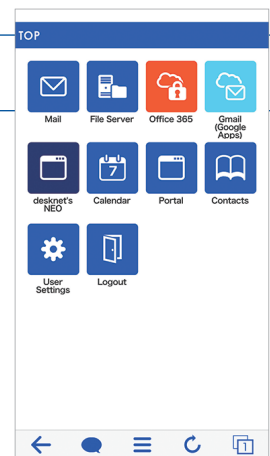
Auto-complete list feature displays suggestions for names and email addresses



## Optimised user interface

- Specialised interface is compatible with any device (smartphone, tablet, PC)
- Displays emails quickly (data is temporarily cached for quick access)
- Navigate between emails using the swipe feature
- Customise icons on the TOP page
- Full screen mode for presentation
- Multi-tab feature

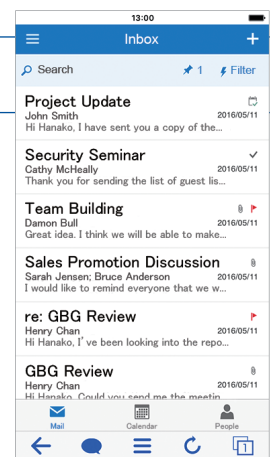
TOP page icon customisation feature



## Cloud services

- Multi-Cloud Gateway enables users to access various cloud services though one portal
- Retain the same user interface provided by a given cloud service provider (push notifications occur through CACHATTO's email interface)
- Access both public and private cloud services
- Use on-premise AD FS with cloud services
- Single sign-on (SSO) access to both cloud and on-premise environments

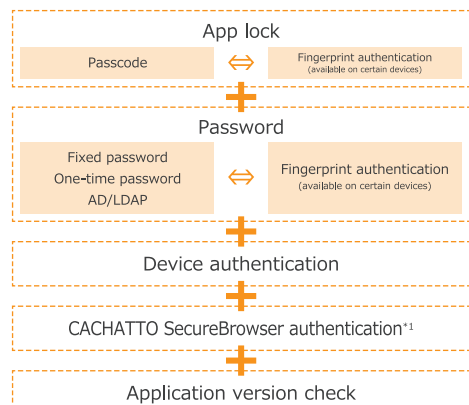
Office 365 Outlook App



## Security

- Prohibits log-in on devices with specific applications installed
- Disables screen and video capture
- Prohibits log-in on rooted or jail-broken devices
- Fingerprint authentication feature for app lock/log-in
- Clears all log-in settings after a specified number of failed app lock attempts (local wipe)
- Device authentication feature

### Login authorisation setup



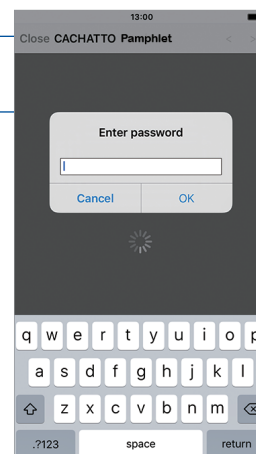
\*1 SecureBrowser refers to CACHATTO SecureBrowser.



## File viewing and editing

- View Microsoft Office and PDF files
- View password protected Microsoft Office and zipped files
- Create zipped files (CACHATTO Desktop)
- Add comments to PDF files using the specialised application (Android)
- Edit files (CACHATTO Desktop)

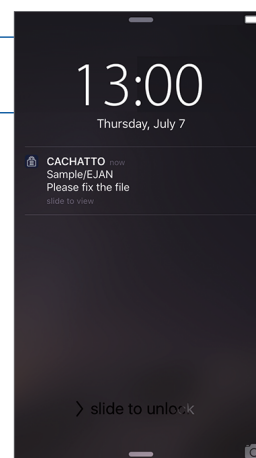
Opening a password protected file ►



## Useful features

- Customise push notification messages
- Create a filter for email push notifications
- Push notifications for Exchange schedules
- Compatible with VoIP applications
- Single sign-on and multi-tab features
- A single user may use up to 4 devices (with device authentication applied)
- Shared device ID function

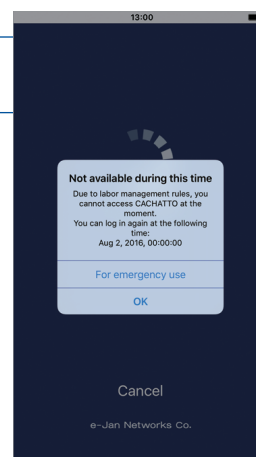
Push notification alert message ►



## Administrative support

- Set access restrictions to corporate resources for each user
- Set usage time limits (labour time management)
- Specify usable versions of CACHATTO SecureBrowser
- Possible even in a virtual environment
- Provide licences for evaluation before deploying

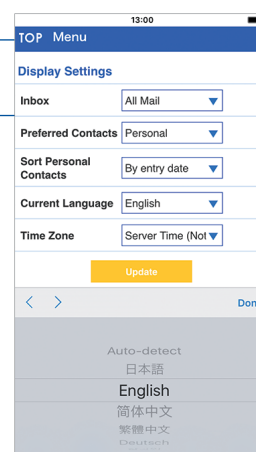
Labour time management login restriction ►



## Universal compatibility

- Multi-lingual interface capability
- Time zone settings
- Light-weight user interface for low-bandwidth environments
- e-Jan Global Helpdesk (English、Japanese)
- Available internationally through E-Jan International Pte. Ltd.
- CACHATTO SecureBrowser available for download internationally (App Store、Google Play、e-Jan site [Japanese])

Language and display settings ►

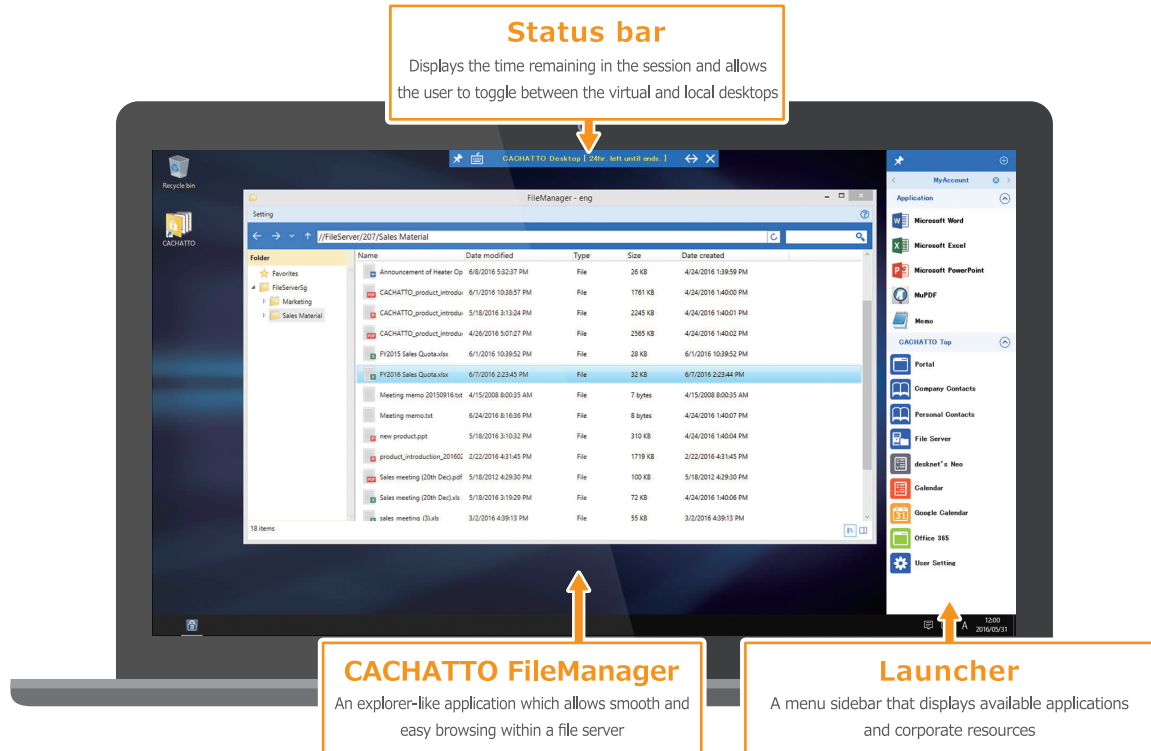


# CACHATTO Desktop for Windows PC



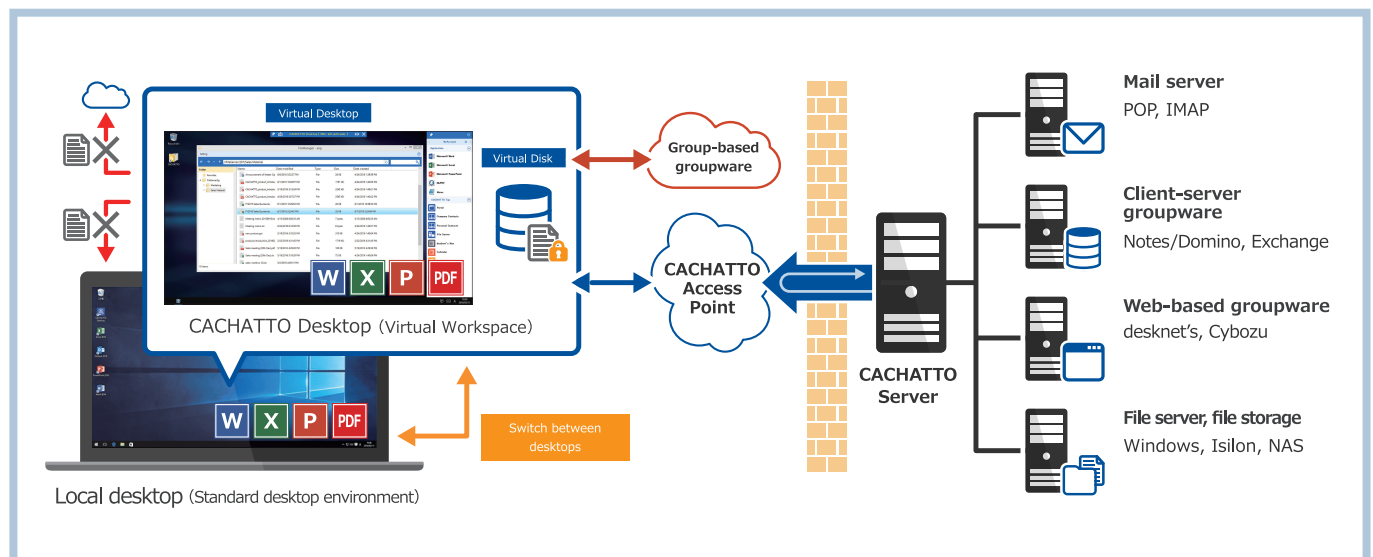
## A secure, virtual workspace

CACHATTO Desktop is an additional Windows application for CACHATTO, which enables business efficiency through mobility.



## System structure

The virtual desktop and virtual disk that makes up the virtual workspace (sandbox environment) allows for applications to be used inside the environment and enables files to be saved temporarily.

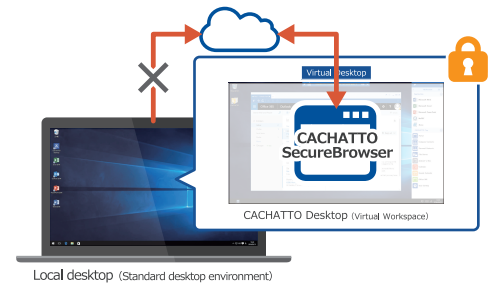




## Product information

### Enhance security of cloud-based software

Using CACHATTO SecureBrowser, securely access cloud-based collaborative software such as Office 365 and Google Apps, as well as corporate resources.



### Offline viewing and editing

Continuing to edit and view files is still possible even in areas with unstable internet access. Microsoft Office files can be edited, utilising applications from the local CPU.



### Erases virtual workspace and saved data upon logout

Files remaining on the virtual environment are deleted alongside the workspace upon logout or when the session time ends; no data is left on the client device.



## CACHATTO Desktop vs. VDI

Unlike a VDI, data and files are transmitted as needed, and opened with local resource applications on the client device. Continuous internet connectivity is not required, and performance is not dependent on the connection quality.

	CACHATTO Desktop	Standard VDI
Initial set-up and mangement cost	Low (The only requirement is the application installation. Able to use with pre-exisiting CACHATTO environment)	High (Expensive servers, storage necessary)
Network required	Only when sending/receiving data	Continously
Offline capabilities	Yes	No

For more information, please visit

## CACHATTO's homepage

<http://ejan-international.com/cachatto>

# 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 6.0 / 6.5 / 7.0 / 8.0 / 8.5 / 9.0 Microsoft Exchange 2007 / 2010 / 2013 / 2016 desknet's V5 / 6 / 7 desknet's NEO V1.0 / 2.5 / 3.0 Cybozu Office 6 / 7 / 8 / 9 / 10 Cybozu Garoon 3.0 / 3.5 / 3.7 / 4.0 INSUITE 3.1.0 / 3.2.0 / 3.3.0 / 3.4.0
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Groupware (cloud)	Microsoft Office 365 (Exchange Online) Google Apps for Work Salesforce
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Mail server	POP3/APOP compatible IMAP4 compatible
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File server	Windows Server 2008 / 2012 Isilon 7.0.2.12 NAS <sup>*1</sup>
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\*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). \*As IBM support for Notes/Domino 6.0/5.5/7.0/8.0 has been discontinued, customer support may be limited for this groupware. \*<sup>1</sup> SMB Direct Hosting (Server Message Blog) (445/TCP) 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, CentOS 6.4 / 6.5 / 6.6 / 6.7 / 7.1 / 7.2			

\*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	Windows 10 (32bit/64bit) Windows 8.1 (32bit/64bit) Windows 7 (32bit/64bit) <sup>*2</sup>
Supported Microsoft Office	Microsoft Office 2007 and above <sup>*3</sup>
CPU	Core i5 and above
Memory	Over 4GB <sup>*4</sup>

Hard disk	Over 200MB free space
Display	Fulfills OS system requirements
Network	Capable of internet connection
Other	Must have Internet Explorer 11 and above installed. Administrator privileges required for installation. User account controls enabled

\*<sup>2</sup> On Windows 7, User Account Control must be enabled. \*<sup>3</sup> 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 to only CACHATTO Desktop.) \*<sup>4</sup> Over 500MB of available memory is required when CACHATTO Desktop is running.

### Supported files (CACHATTO SecureBrowser)

Supported file formats	Microsoft Word 2003, 2007, 2010, 2013, 2016 Microsoft Excel 2003, 2007, 2010, 2013, 2016 Microsoft PowerPoint 2003, 2007, 2010, 2013, 2016 PDF files	DocuWorks 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 by iOS, Android, Windows, and Mac (mobile phones excluded). \*ZIP files and password protected ZIP files can be opened by 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 individual OS, file format, Microsoft Office version, and security settings, the file may not be shown properly. \*When viewing DocuWorks files, DocuWorks Viewer Light must be installed on the device.

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