Data Leak Prevention	Isolation on Device	VPN-free Secure Access	MFA (Multi-factor authentication)

Secure Unified Digital Workspace

CACHATTO®

Secure Access

Secure Data

Any time

Anywhere

Any device

Company

Who we are

Company

Registered Name:	e-Jan Networks Co.
Established:	March 6, 2000
Executive Officers:	CEO/Founder Shiro Sakamoto Director Kenichi Haraguchi Director Masato Takino Director Tomohiro Mitsui Auditor Masaharu Abe
Head office:	Tokyo
Branch Office:	Osaka
International office:	Singapore E-Jan International Pte. Ltd. established in 2014 India CACHATTO INDIA PRIVATE LIMITED (CIPL) was established in 2017 at Bengaluru

IS 681141 / ISO 27001

Product

What we do

CACHATTO®

What is CACHATTO?

Secure Unified Digital Workspace

Secure delivery of the right applications and data to the right user, on the right device, any time and any location.
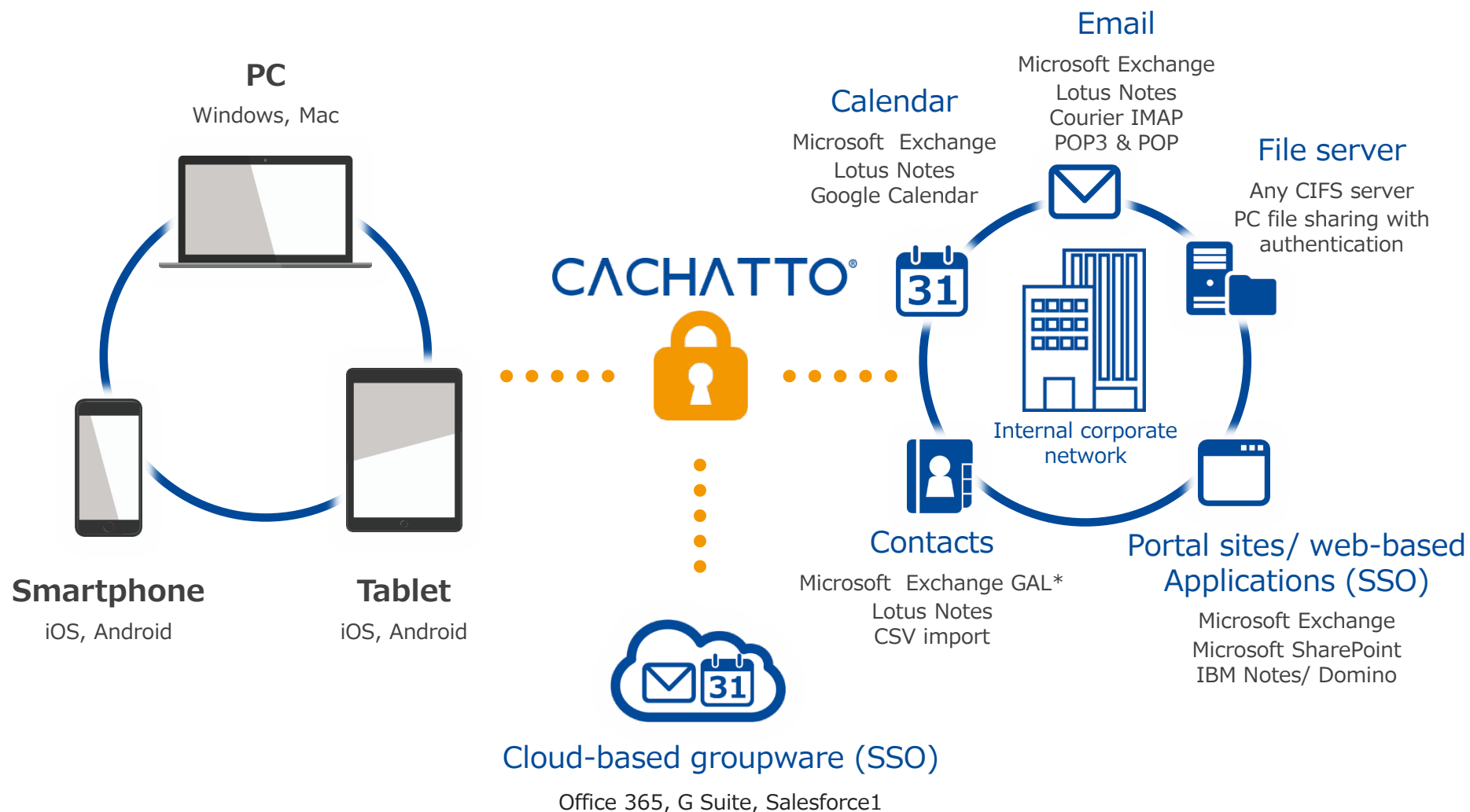

CACHATTO SecureBrowser

Smartphone/tablet

CACHATTO Desktop

Windows desktop/laptop

Secure Remote Access | MFA | SSO | DLP | SDP | Secure Offline BYOD

What is CACHATTO?

Secure Unified Digital Workspace
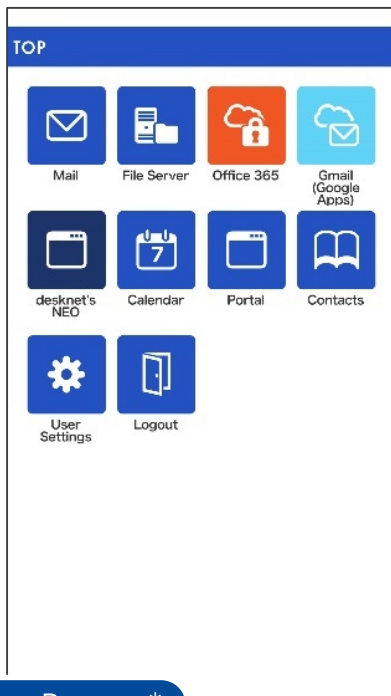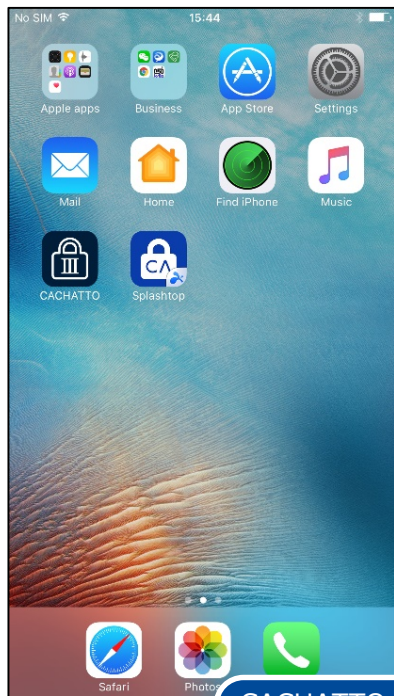
Secure access - anytime, anywhere, via any device

PC
Windows, Mac

Smartphone
iOS, Android

Tablet
iOS, Android

CACHATTO®

Cloud-based groupware (SSO)

Office 365, G Suite, Salesforce1

Calendar
Microsoft Exchange
Lotus Notes
Google Calendar

Email
Microsoft Exchange
Lotus Notes
Courier IMAP
POP3 & POP

File server
Any CIFS server
PC file sharing with authentication

Internal corporate network

Contacts
Microsoft Exchange GAL*
Lotus Notes
CSV import

Portal sites/ web-based Applications (SSO)
Microsoft Exchange
Microsoft SharePoint
IBM Notes/ Domino

* equivalent functionality

What is CACHATTO?

Secure Unified Digital Workspace

Smartphone/tablet

CACHATTO SecureBrowser*

Windows desktop/laptop
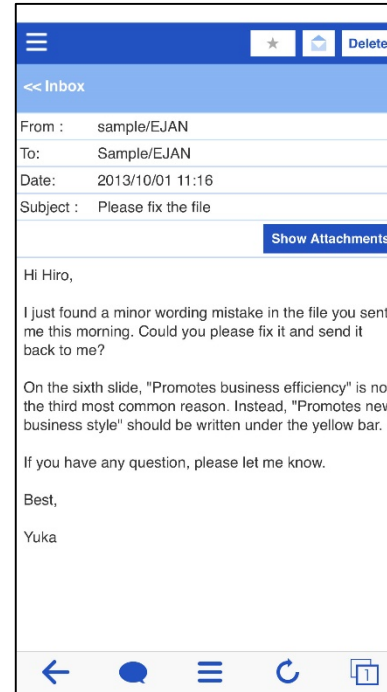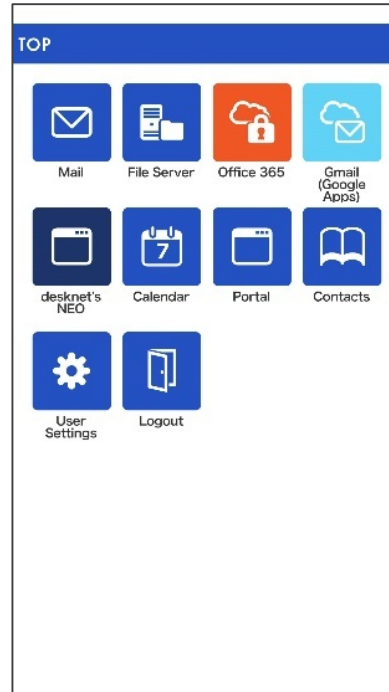

CACHATTO Desktop

*Download from App Store (iOS) & Play Store (Android)

What is CACHATTO?

CACHATTO user interface (smartphone UI)

- Corporate & personal data/applications isolated
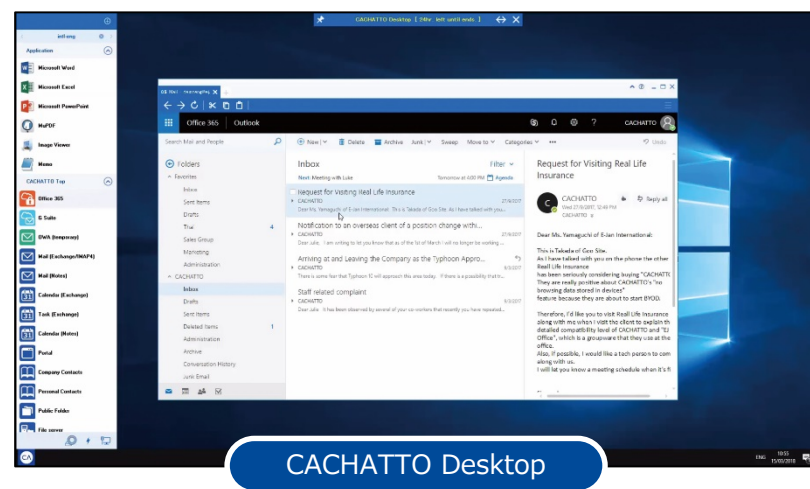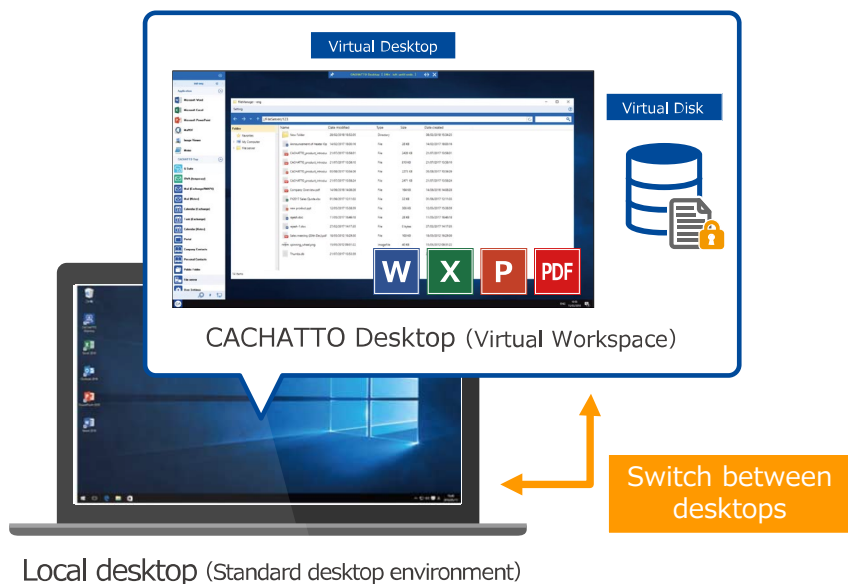- No corporate data stored on local device
- Multi-factor authentication

- Android 4.2 or above
- iOS 9.0 or above

What is CACHATTO?

CACHATTO Desktop user interface

Virtual Desktop

Virtual Disk

CACHATTO Desktop (Virtual Workspace)

Switch between desktops

Local desktop (Standard desktop environment)

CACHATTO Desktop

- Corporate & local desktops isolated
- True 'offline' mode
- Applications run locally – fast and efficient

- Windows 7/8.1/10
- Intel core i3-6100U or i5-3200 and above
- 4GB RAM

What is CACHATTO?

Proven data security solution for easy access to cloud and on-premise resources, through any device, from anywhere

What it is

- Data security on end-point
  - Data Leak Prevention
  - Corporate data/application isolation

- Secure access
  - From any device – smartphone, desktop, laptop
  - From anywhere – remote or on-campus
  - To any resource – **on-cloud or on-premise**

- Robust architecture based on **SDP principles**

- Simple – setup & management

- Proven

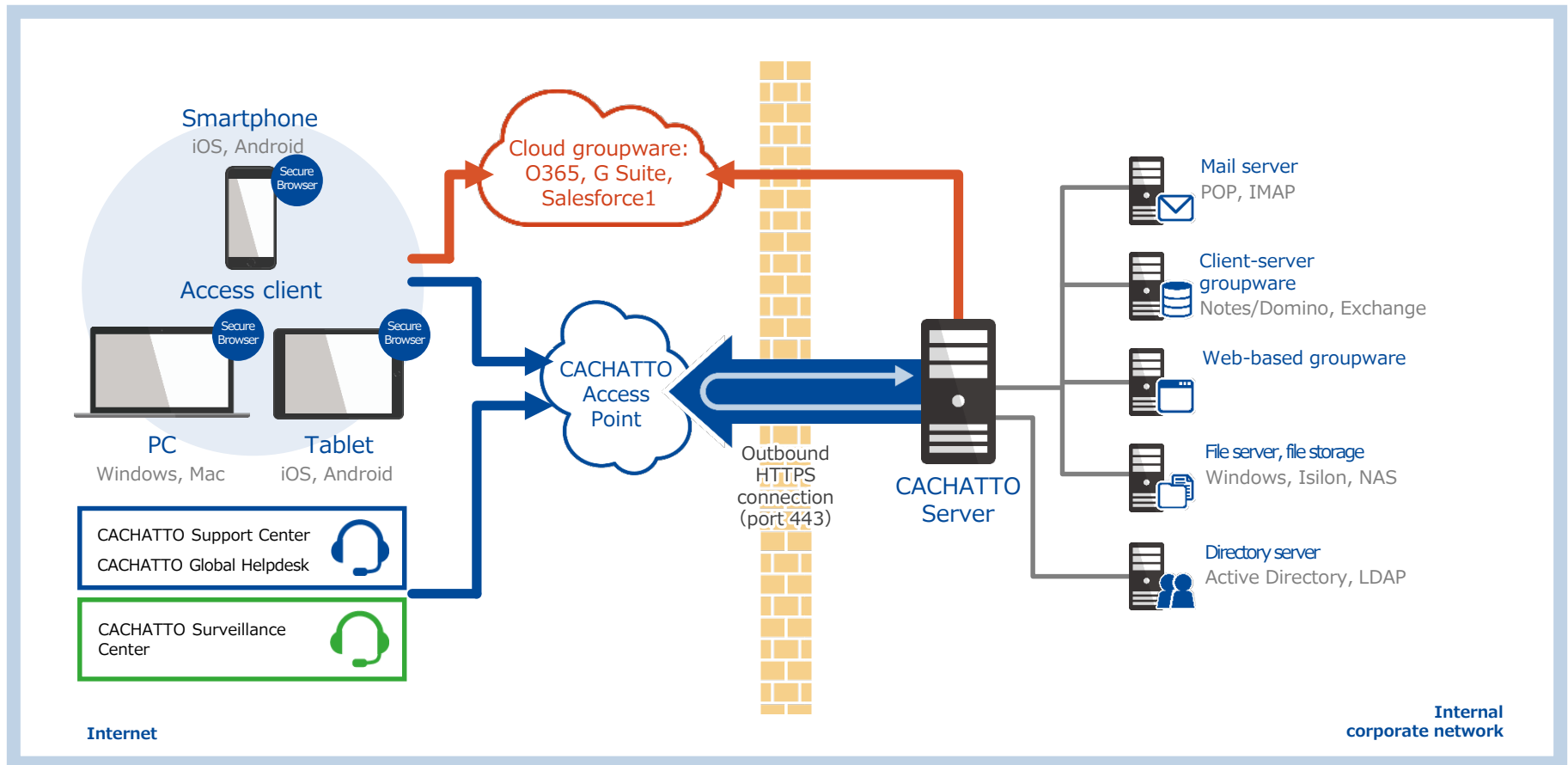## What it is NOT

- AV
- MDM
- VPN
- VDI
- Firewall

Focus on **corporate data**, not end-point hardware, model, or make

Architecture

Robust, Proven and Simple

CACHATTO Architecture

CACHATTO Architecture

Security on End-point: Data Leak Prevention & Isolation

- No enterprise data stored on device

- Prevents security breaches in case of theft or misplaced personal devices – remote wipe unnecessary

- Corporate and personal data/applications completely isolated on end devices; no cross-contamination

- Complete segregation of personal and work content on one device

- No direct access to corporate network/servers from end devices

CACHATTO Architecture

Access to resources based on authorisation (SDP principles)

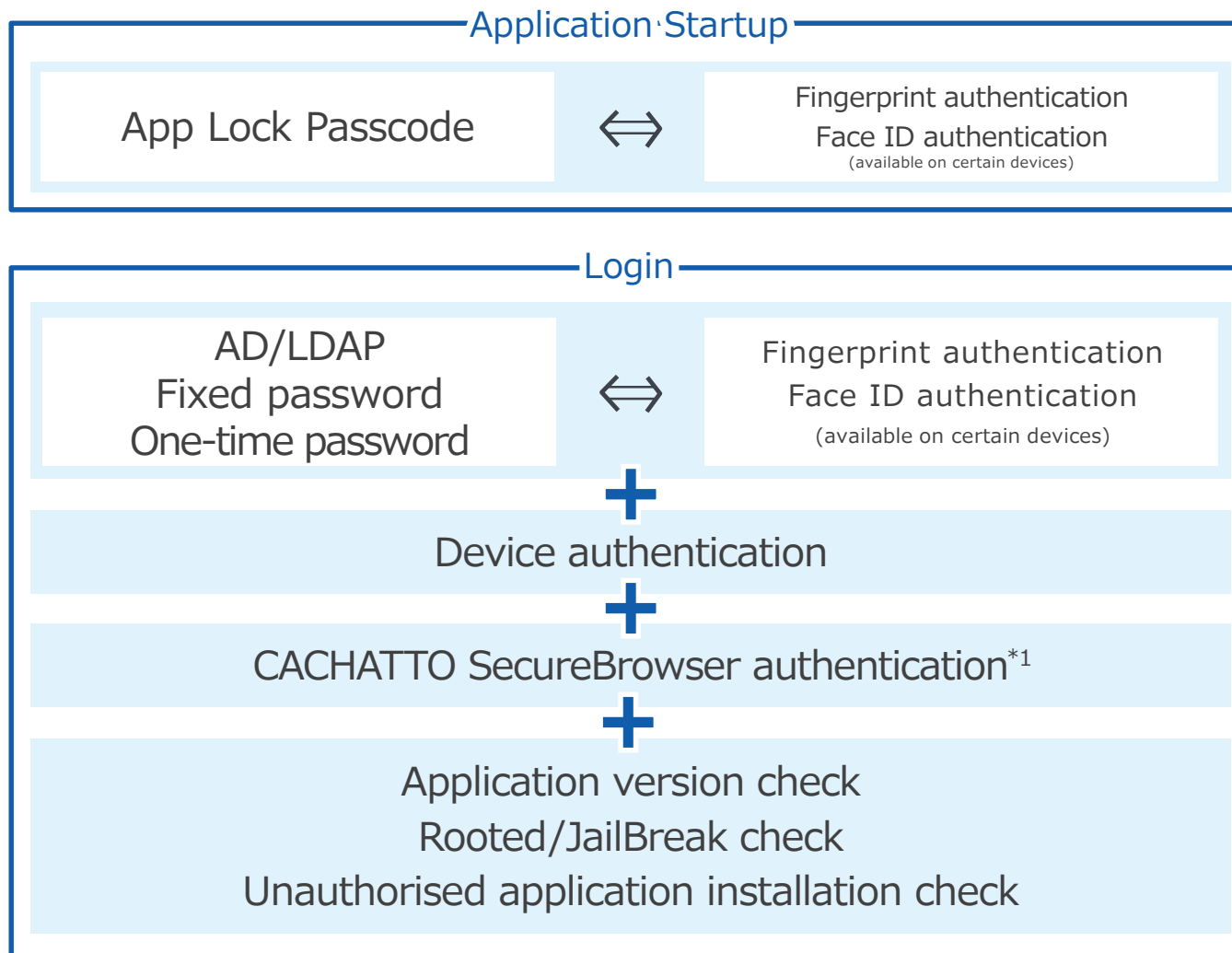- All users/devices always authenticated (**MFA**)

- Access to authorized resources only. All other resources invisible

- Dramatically **reduced attack surface** – servers, applications totally isolated from client

- No inbound ports, global DNS, no possibility of lateral "east/west" attacks, no discovery by malware or bad actor rendering them ineffective

- **Dynamic and individualized** perimeter for each user

CACHATTO Architecture

Flexible & adaptable

- Location and Technology agnostic – On-premise, Cloud, Azure, AWS

- '*All form factors*' - secure access from any device; compatible with a variety of operating systems (Android, iOS, Mac, Windows)

- Easy configuration & management – no changes to firewall, no VPN requirement

- Co-exists with enterprise infrastructure

- No vendor lock-down

CACHATTO Architecture

MFA guarantees a high level of security

Application Startup

| App Lock Passcode | ⟺ | Fingerprint authentication
Face ID authentication
(available on certain devices) |

Login

| AD/LDAP
Fixed password
One-time password | ⟺ | Fingerprint authentication
Face ID authentication
(available on certain devices) |

+

Device authentication

+

CACHATTO SecureBrowser authentication[1]

+

Application version check
Rooted/JailBreak check
Unauthorised application installation check
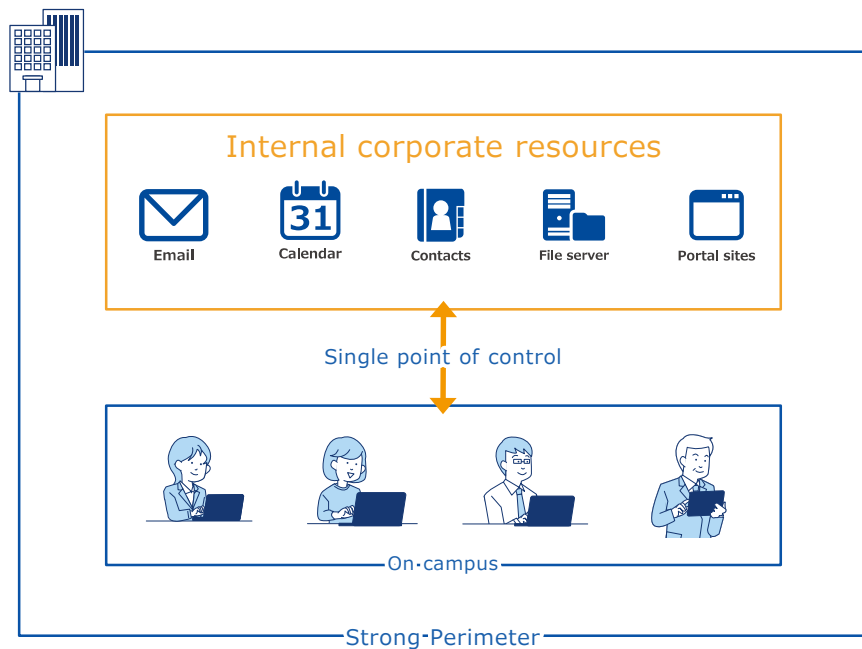
Enterprise Security Trend

Challenges & Solutions

Enterprise Security Trend - Challenges

Challenges: Balance security productivity and flexibility

Traditional access

Internal corporate resources

Email · Calendar · Contacts · File server · Portal sites

Single point of control

On-campus

Strong-Perimeter

- Internal access
- Controlled perimeter

Modern enterprise access

Internal corporate resources

Email · Calendar · Contacts · File server · Portal sites

Cloud

Email · Calendar · File server

Head office

Off-campus (MDM)

Branch office (DMZ)

Corporate user
(Head office, branch, off-campus)

Partners (unmanaged)

Service provider (unmanaged)

Vendor (unmanaged)

Collaborators
(Partners, venders, service providers)
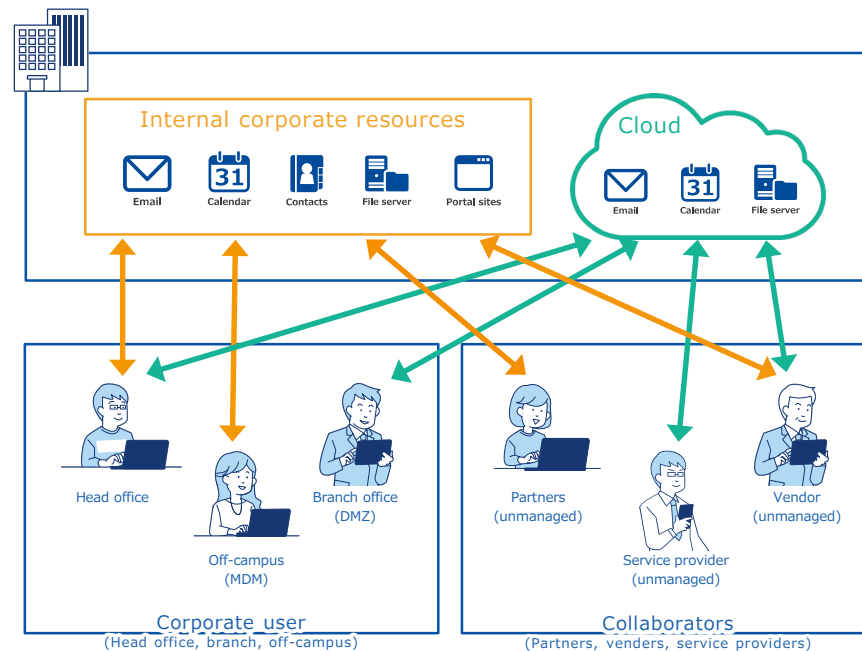
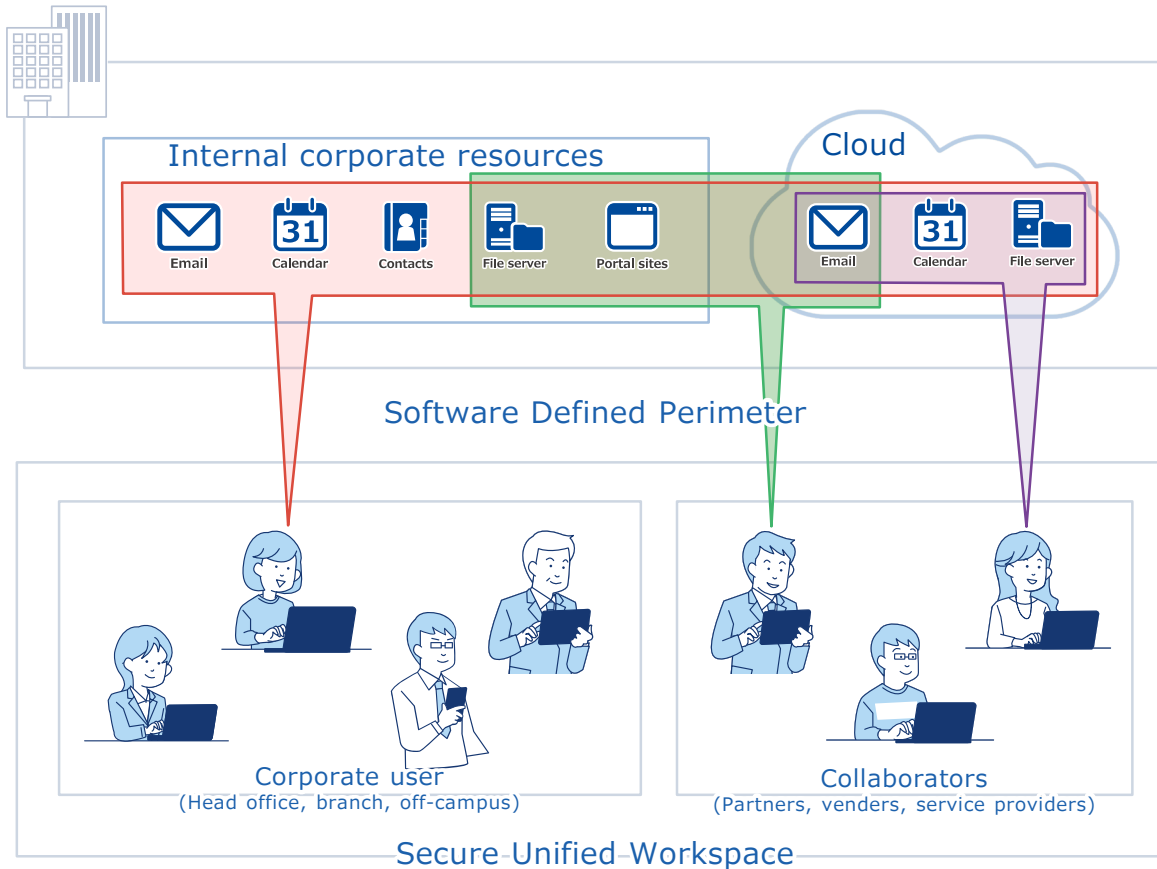- Mobility
- Collaboration
- Proliferation of devices
- Cloud

Enterprise Security Trend - Solutions

Solutions: Delivery to the right resources to the right users

Enterprise security solution

Internal corporate resources

- Email
- Calendar (31)
- Contacts
- File server
- Portal sites

Cloud
- Email
- Calendar (31)
- File server

Software Defined Perimeter

Corporate user
(Head office, branch, off-campus)

Collaborators
(Partners, venders, service providers)

Secure Unified Workspace

Individualised resource perimeter
- Isolation – personal/corporate
- Unauthorised resources are hidden
  - *What you can't see , you can't attack*

Platform approach
- Single point of control
- Access to on-premise and cloud-based resource
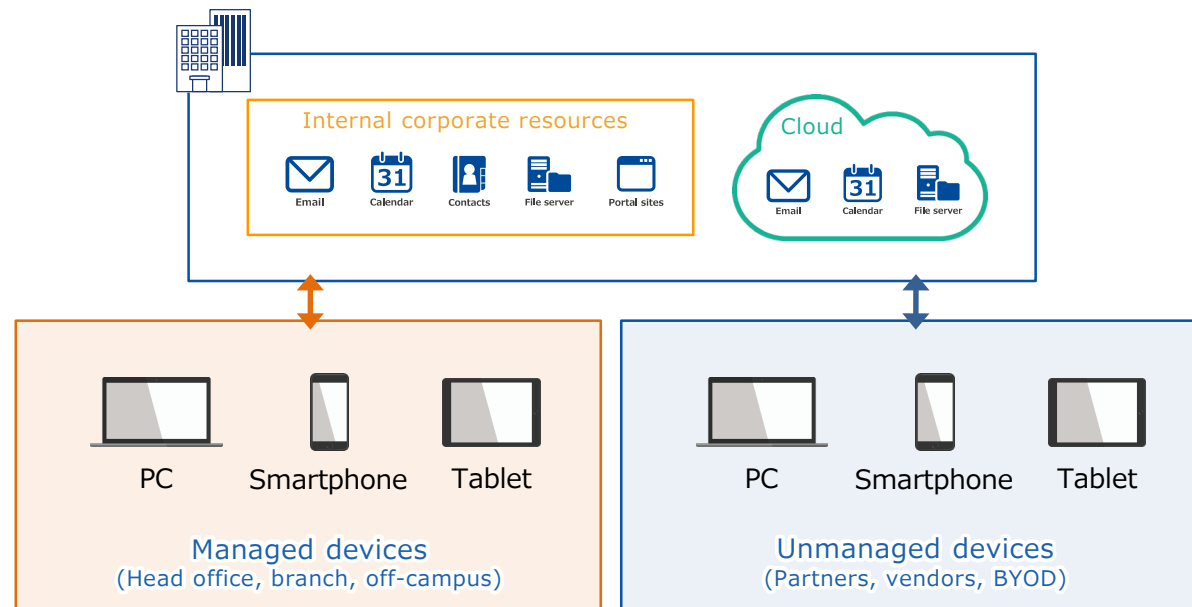- For managed or unmanaged device

Secure Unified Workspace
- Secure delivery of the right applications and data to the right user, on the right device, any time, anywhere

(Source: /newsroom/id/3744917 & other Gartner research notes)

Use case – Managed and unmanaged devices

CACHATTO has a lot of merits to secure *unmanaged devices* (BYOD, group companies, vendors) in addition to managed devices as it is difficult to install security management software onto those devices.

Internal corporate resources

Email | Calendar | Contacts | File server | Portal sites

Cloud

Email | Calendar | File server

Managed devices
(Head office, branch, off-campus)

PC | Smartphone | Tablet

Unmanaged devices
(Partners, vendors, BYOD)

PC | Smartphone | Tablet

Functionality

- Consistent – secure access from any device
- Authentication – Multi-factor authentication
- Security on end-point
- Isolation between client & server/application

- Data leak prevention
- Access control and admin configurations
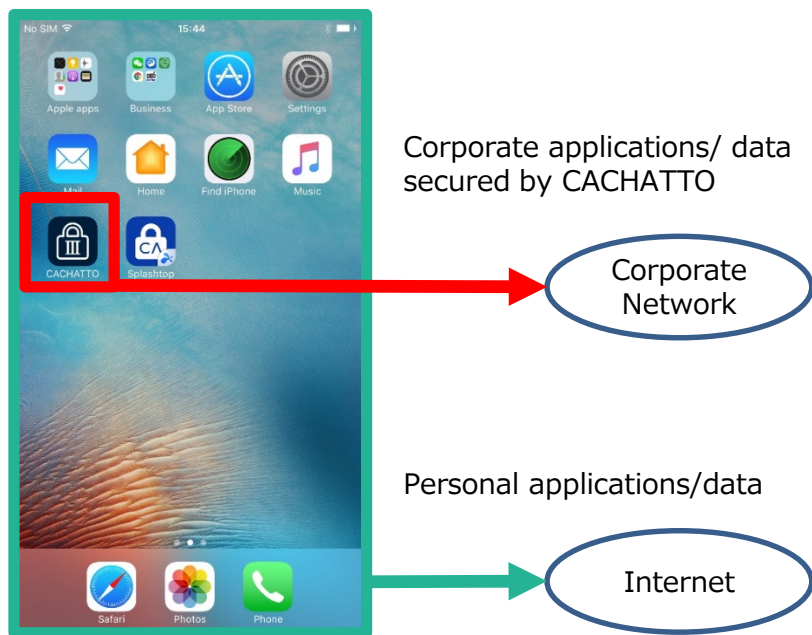- Account and ACL without depending on AD
- User audit

Use case – Managed and unmanaged devices

End user privacy and **enterprise data security co-exist** with segregation of data and access – a significant advantage over traditional device-wide VPN

Enables BYOD

Corporate applications/ data
secured by CACHATTO

→ Corporate Network

Personal applications/data

→ Internet

VPN

- Full device part of corporate network

- No segregation of personal data/application from corporate

→ Corporate Network

Use case – Managed and unmanaged devices

Secure Extranet among Group Companies

Allow users to access your business resource securely without setting up site-to-site networks (WAN) and network access control policy and virtual desktop infrastructure.

(e.g. Domestic/overseas subsidiaries of MNC, sales rep of insurance company, etc.)

Vendor Risk Management

Easy to have your partners to access only designated applications. It minimizes data leak risk through your partners and helps you comply with regulations.

(e.g. Bank – IT vendors, ISP – PC and network device maintenance partners, etc.)

References

What we have accomplished

No. 1 in market shares for 7 consecutive years

Independent market research

- MIC Research Institute Ltd
  - CACHATTO #1 in '*Unified Endpoint Management Market 2018*'
  in the 'Secure Gateway/Browser market'

- ITR Pte Ltd
  – CACHATTO #1 in '*Cyber Security Solution Market Current Status and Future Outlook*' in the 'Remote access tools for smart-devices'

Market leader
for 7 consecutive years

Market leader for
7 consecutive years in Japan
with over 1,000 enterprise customers

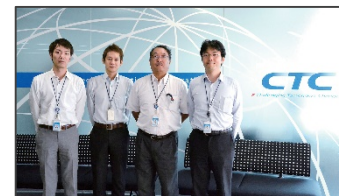# Proven – No.1 in market share in Japan

Panasonic Network Systems

Mitsubishi Electric

Sapporo Breweries

ABeam Consulting
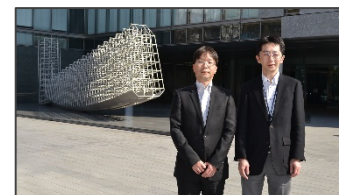

Toray

Nippon Life Insurance

CTC Solutions

Taiho Pharmaceutical

Teijin

Takenaka

Daikin

Also trusted by government and financial agencies