



INTEGRATED ENTERPRISE MOBILE WORKPLACE

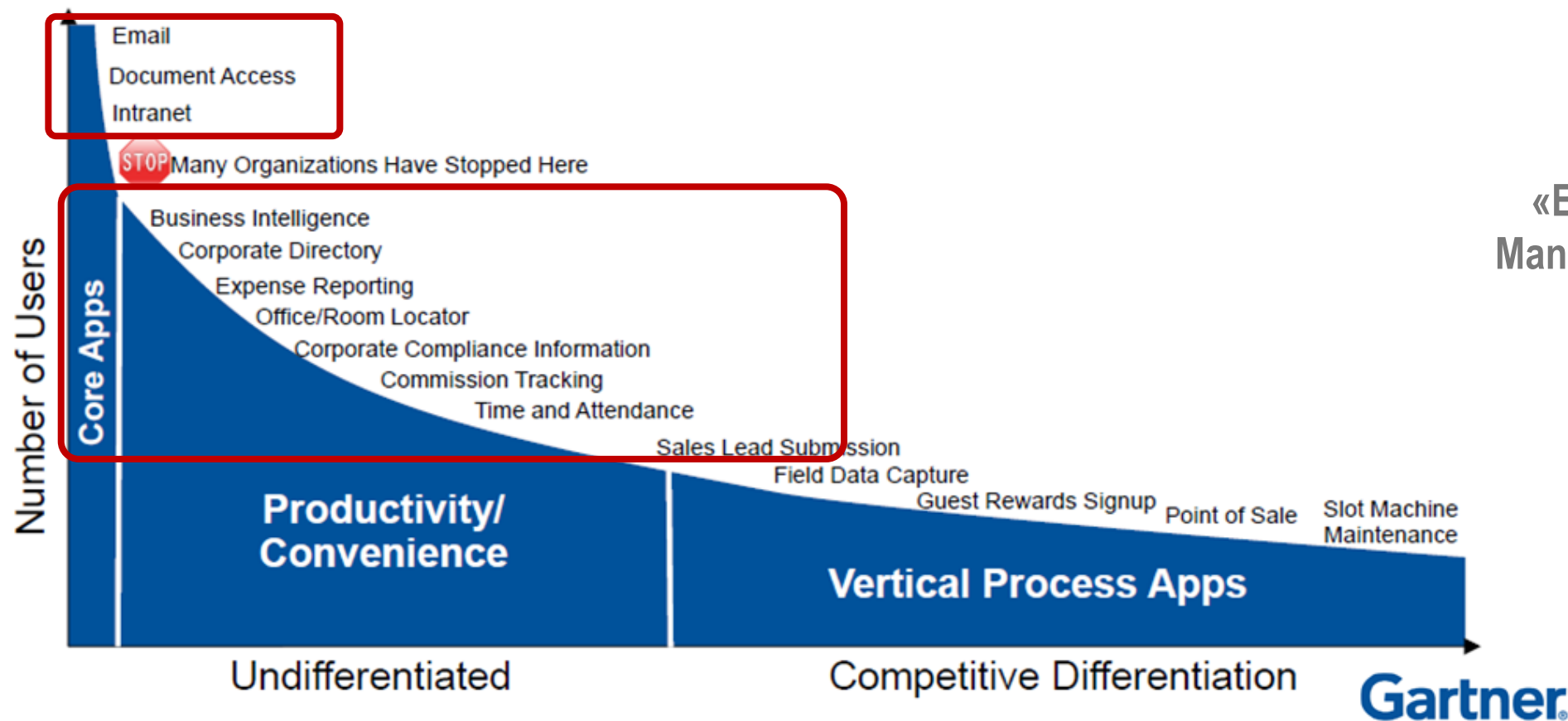
Your business in your hands





Core Apps for corporate mobile users

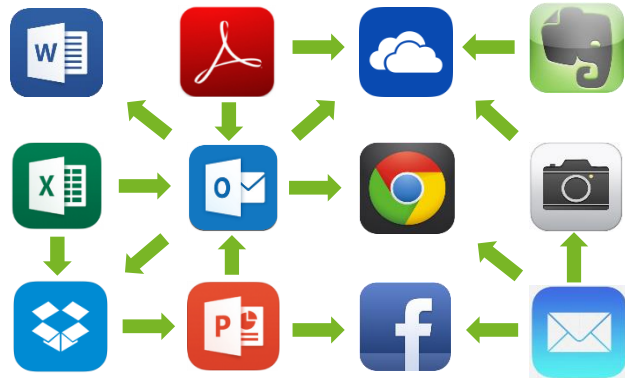
WorksPad is addressing productivity and security questions for the most of employees - executives, management, sales, marketing, consultancy, engineering and other personnel



«Enterprise Mobility Management» market:
Volume \$5B+
CAGR 20%
2/3 – cloud-based

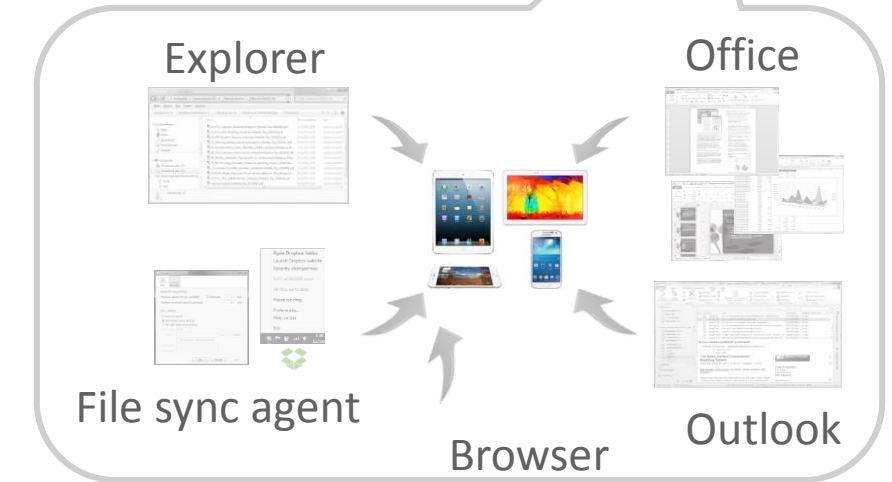


Enterprise users needs



- Work without Open-in / Share with
- Avoid switches between apps
- Split personal and corporate data
- Corporate data security

No dashboard with hundreds of apps !!!



Productive and secure work in a PC-like style
anytime, anywhere



What is WorksPad

“Integrated”

- One native app containing all the wealth of functionality available on iOS and Android

“Enterprise”

- On-premise deployment without any “external” connections or cloud services
- AD for users authentication, Exchange for mails/calendar, Windows shared folders/SharePoint libs/your PC for file access and synchronization
- Security – clients connections to the Server through HTTPS, safe and reliable personal and corporate data separation, “Open-In” prohibition

“Mobile”

- The same set of productivity capabilities across iOS and Android platforms for tablets and smartphones

“Workplace”

- Work with corporate documents/mail/calendar/address book
- Create/Retrieve/Update/Delete operations with files, including files on your PC
- Direct file & screen sharing for ad-hoc or “paperless” meetings



Modern Enterprise Mobile Workplace

 **WorksPad**



All-in-one integrated User Experience

PIM + EFSS + Office + PC-like desktop + Direct cross-platform communications + PC Sync



File Management



Embedded
Office editors



Outlook-like E-Mail



Calendar



Contacts and
Corporate Address Book



Multi-screen
User Interface



Intranet/Internet
Browser



Easy work
with Attachments



Direct File Sharing
via Wi-Fi across
iOS, Android, Windows
in 1-to-many mode



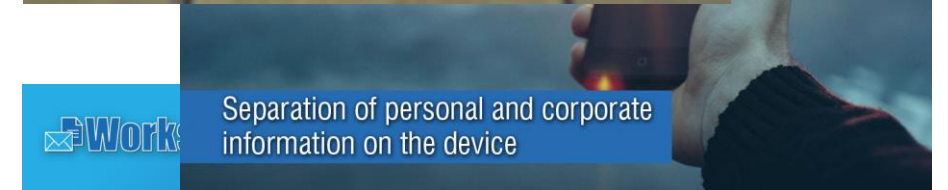
Presentation Screen
Sharing
via Wi-Fi for
iOS, Android, Windows
In 1-to-many mode



7 scenarios

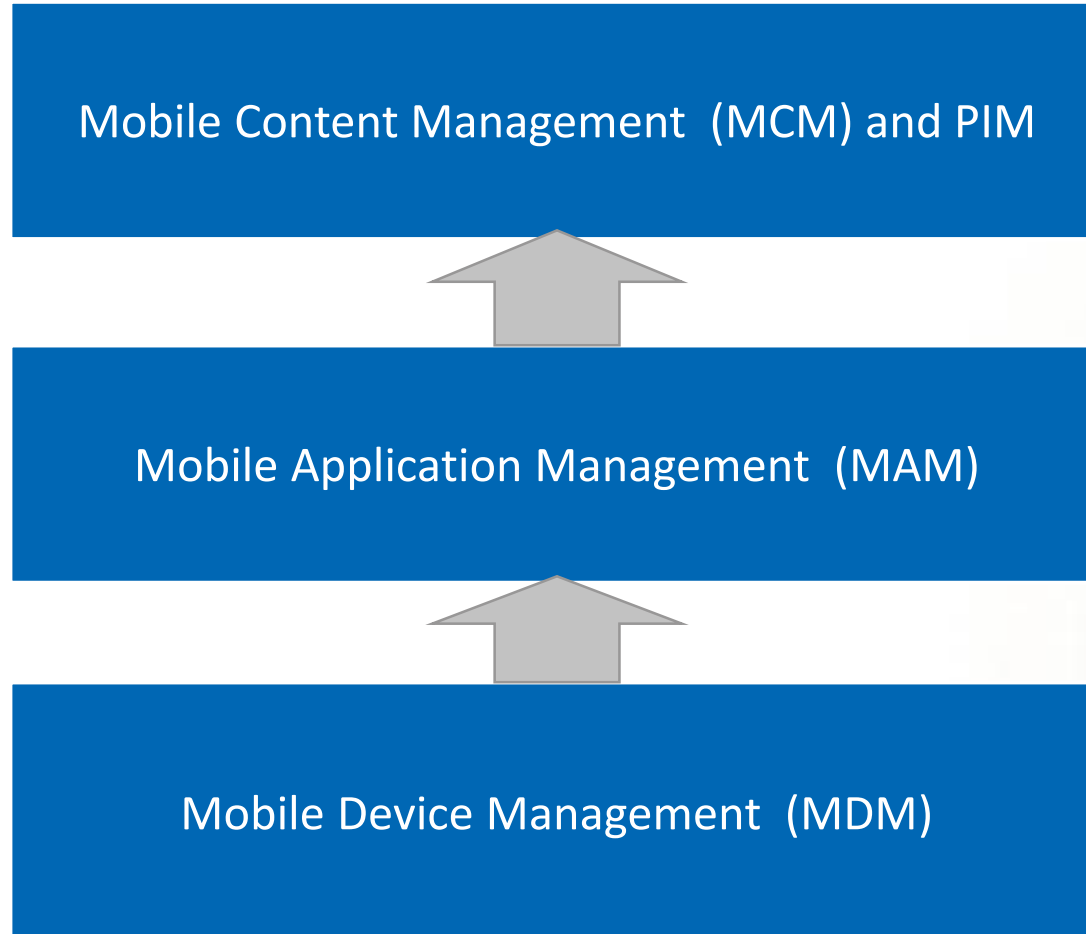
that convert tablets and smartphones on iOS and Android into the true enterprise mobile workplaces secure and productive

- ✓ Secure mobile access to corporate email
- ✓ Secure mobile work with documents in corporate network and on pc
- ✓ Secure mobile access to corporate systems and portals
- ✓ Paperless meetings
- ✓ Easy creation of external links to corporate documents
- ✓ Upload photos to corporate network, bypassing cloud storage
- ✓ Access to shared-calendars from mobile devices





WorksPad in Enterprise Mobility landscape



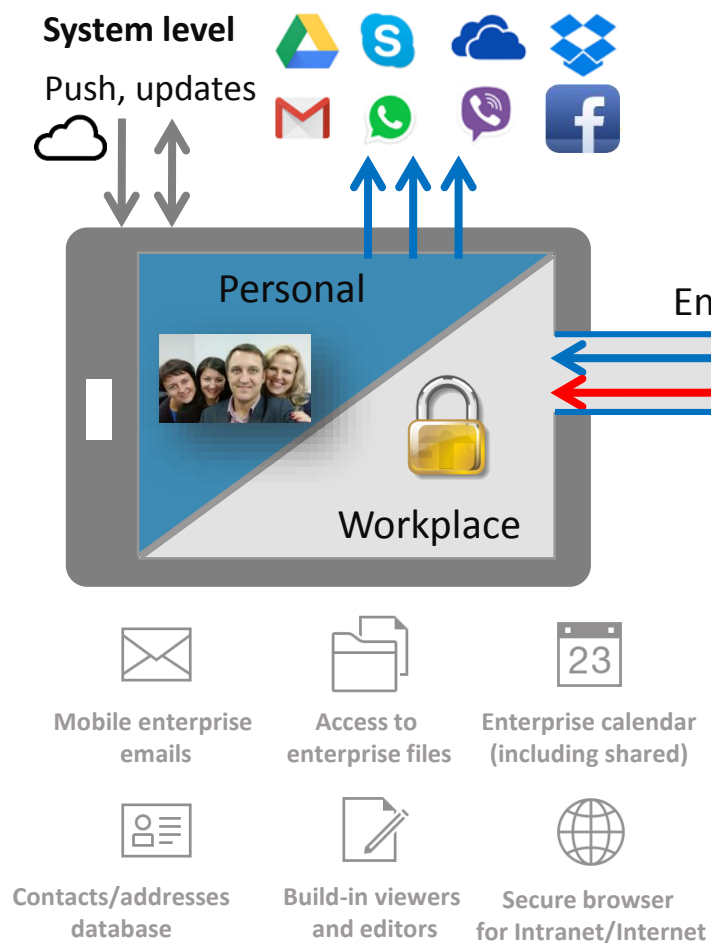
- ✓ Remote wipe
- ✓ JailBreak (root) control
- ✓ Corporate appstore
- ✓ Security audit information





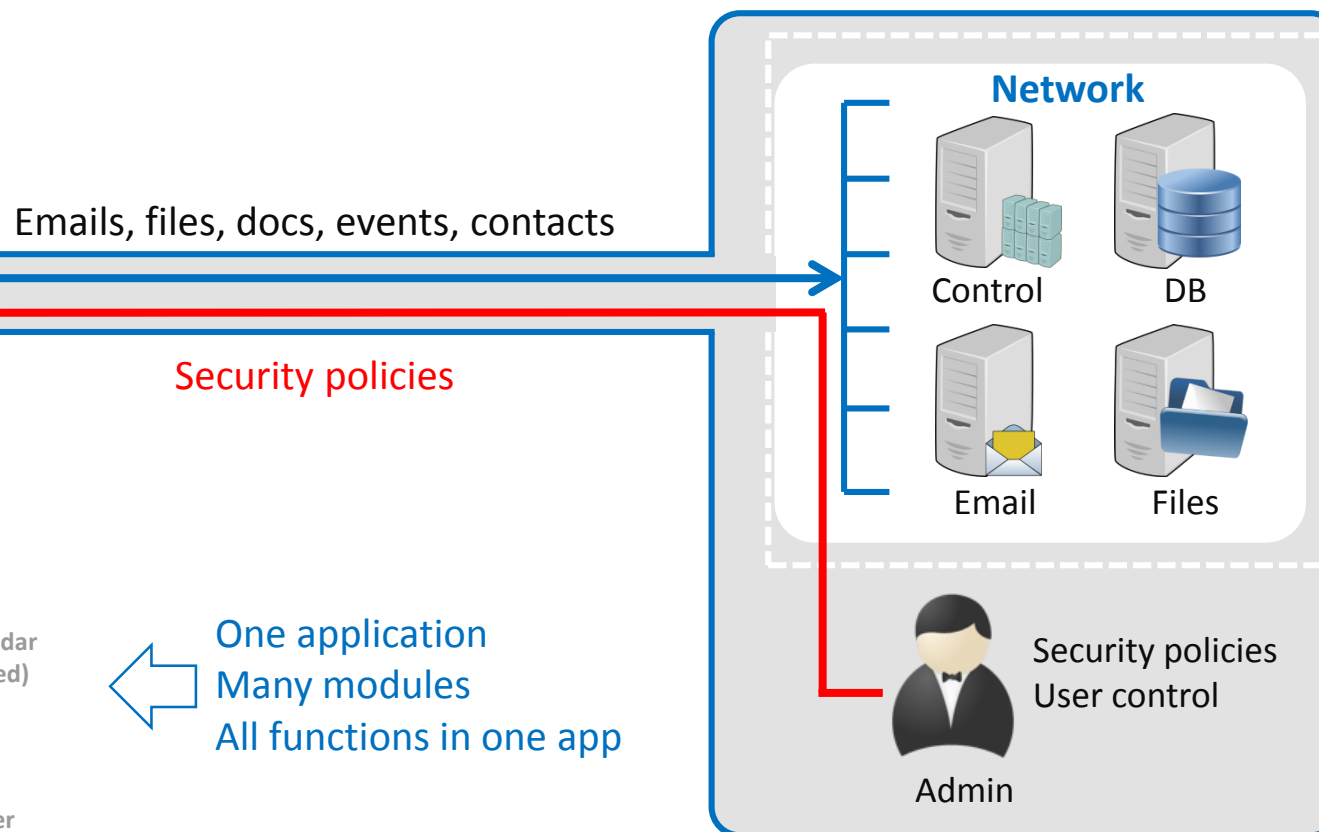
WorksPad concept

Mobile device (BYOD or COPE)



Enterprise (on premise)

Hybrid
Multi-tenant

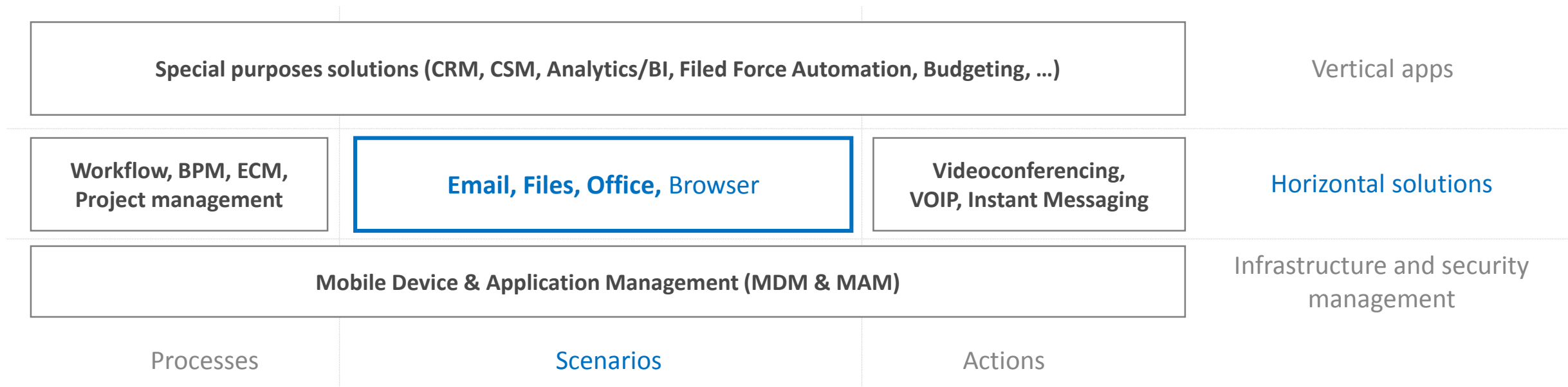


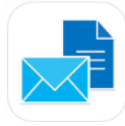


What is WorksPad?



WorksPad is a basic horizontal enterprise solution focused on the key mobile information worker's scenarios



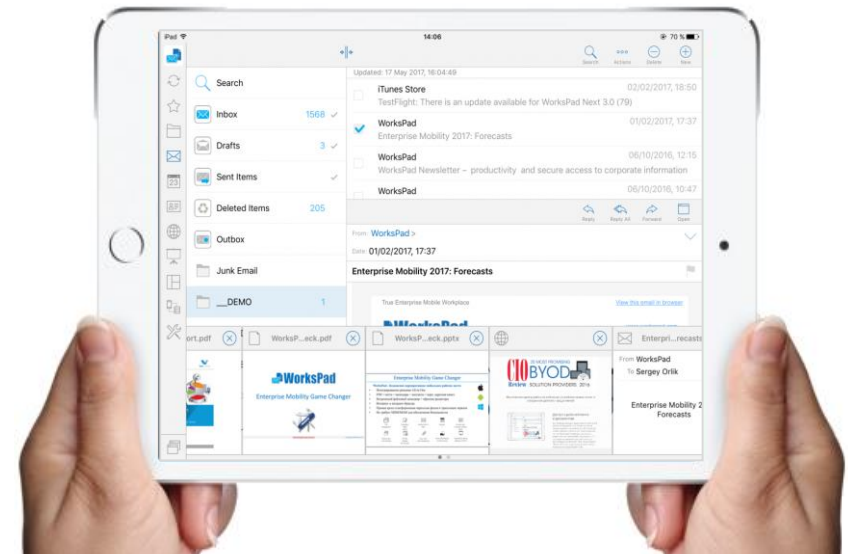


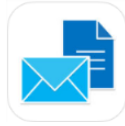
WorksPad Benefits for Employees



- ✓ **Work from anyplace, anytime** on a favorite mobile device - tablet or smartphone
- ✓ **Multiscreen interface** for fast navigation and multiple file/e-mail/calendar/browser pages processing
- ✓ Possibility to **work offline**
- ✓ Same full-functional **interface** on iOS and Android devices
- ✓ Cross-platform device-to-device **file exchange and screen sharing** for organizing paperless meetings even without internet connection

Desired user experience
and scenarios



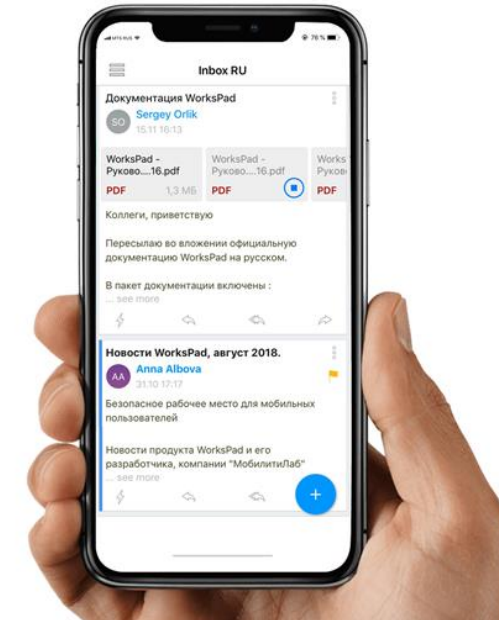


WorksPad Benefits for Enterprises



- ✓ **Isolation of corporate data and personal data** on one mobile device (BYOD)
- ✓ **No need for using public clouds**, but possibility to outsource infrastructure
- ✓ Ability to implement the **BYOD concept** without 3rd-party/cloud services
- ✓ **24x7** empowerment of employees anywhere
- ✓ Support for **digitalization strategy** – paperless meetings and negotiations, reduction of printing needs.
- ✓ Integration with **leading mobile platforms** – Citrix, AirWatch, Symantec, MobileIron

Desired user experience
and scenarios





New Integrated Mobile Experience

File Management (sync docs on mobile with office PC, windows shares, Sharepoint).

Annotations for the mobile app interface:

- Show information about WorksPad → [Info icon]
- "Send/Receive" Sync → [Sync icon]
- Desktop (Favorites) → [Star icon]
- Corporate File Resources → [Folder icon]
- E-Mail → [Envelope icon]
- Calendar → [Calendar icon]
- Corporate Address Book → [Address book icon]
- Intranet/Internet Browser → [Globe icon]
- Direct Presentations → [Presentation screen icon]
- Switch to 2 / 3 panels view → [Panel view icon]
- Online/Offline → [Online/Offline status icon]
- Client settings → [Settings icon]
- Multi-screen ribbon → [Ribbon icon]

The app interface shows a sidebar with the following items:

- LocalBox
- FileBox
- MobileSputnik
<https://portal.it.ru/s...orms/AllItems.aspx>
- Sputnik Docs
<https://portal.it.ru/s...orms/AllItems.aspx>
- Внутренний сайт ЦКМ
<https://portal.it.ru/s...orms/AllItems.aspx>
- _Consulting materials
- _old
- _Presentation materials
- Accounts
- Analytics
- Competitors
- Customer

The main content area displays a list of files:

File Name	Size
WorksPad Overview - mar2016 SP (Light).pdf	6.67 MB
WorksPad Overview - mar2016 SP (Light).pdf	996.44 kB
WorksPad Overview_Dec_16_for_partners.pdf	4.27 MB
WorksPad Overview_Dec_16_for_partners.ppt	9.51 MB
WorksPad Overview_Dec_16_full deck.ppt	9.86 MB
WorksPad Overview_Jan_17.pdf	3.73 MB

The bottom section of the app features the WorksPad logo and the text "Integrated Enterprise Mobile Workplace". Below this is a banner with the text "Your business in your hands" and an image of a hand holding a tablet displaying the app interface.



Built in Office Package

- ✓ Edit Word, Excel, Powerpoint
- ✓ Annotate PDF documents

... Within WorksPad

No SIM 13:56 87%

Invoice.xlsx

Font Paragraph Number Cell Styles

Font size: 9 10 12 14 16 20

Font color: [Color palette]

Effects: [Text alignment options]

INVOICE NO. [100]
DATE [Date]
CUSTOMER ID [ABC12345]

ny Name]
logan]
ress]
Code]
x]

TO [Name]
[Company Name]
[Street Address]
[City, ST ZIP Code]
[Phone]

SHIP TO [Name]
[Company Name]
[Street Address]
[City, ST ZIP Code]
[Phone]

JOB [Job or project] TERMS Due on receipt

DN	TOTAL
arge on overdue balance at 1.5%	\$255.00
10 for \$1000 on [Date]	\$1,000.00
	\$1,000.00
	\$2,000.00
	\$3,000.00

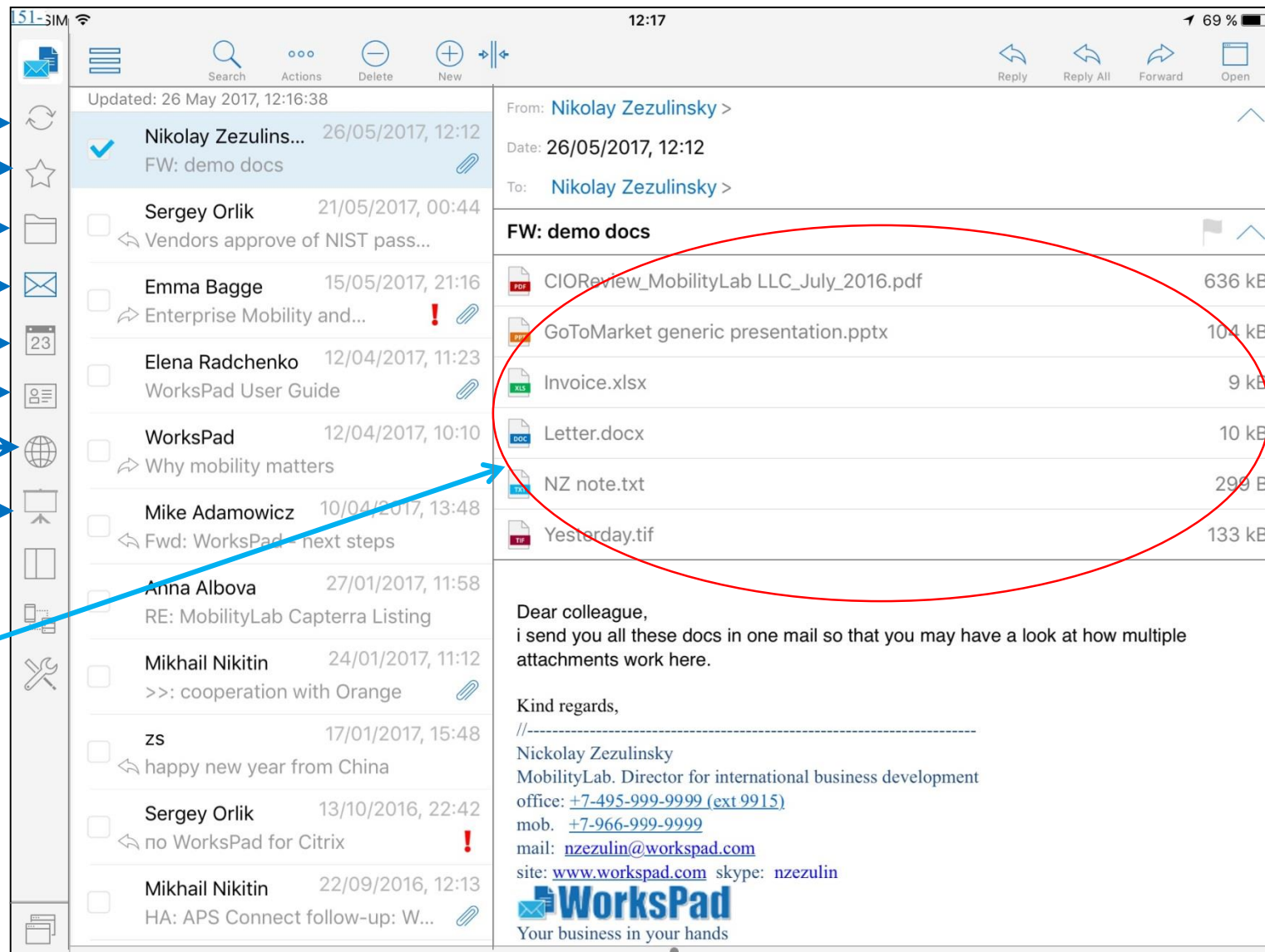
FINANCE CHARGE +



New Integrated Mobile Experience

E-Mail (client for on premises Exchange server and Office365)

- "Send/Receive" Sync →
- Desktop (Favorites) →
- Corporate File Resources →
- E-Mail →
- Calendar →
- Corporate Address Book →
- Intranet/Internet Browser →
- Direct Presentations →
- Multiple Attachments →





New Integrated Mobile Experience

Calendar, Contacts

- ✓ Day – week – 2 weeks – month views;
- ✓ Shared Calendars on mobile devices;
- ✓ Quick navigation;
- ✓ Quick actions;



Events from shared calendars shown in different colors

Quick navigation for today's events

Delete selected Calendar event

Create new Calendar event

Quick actions for selected event

No SIM 09:38 100 %

Day Week Month Calendars

October 2016

Mon Tue Wed Thu Fri Sat Sun

2 Nov 2016 Wed

OOO

11:00 - 13:30

CL - Ankit

13:00 - 13:30 skype

CL - Ankit

13:00 - 13:30

HA: Cloud Partner Trial Agreement

13:00 - 14:00 Dial: Russia (toll free) - 810800...

HA: Cloud Partner Trial Agreement

13:00 - 14:00

Accept Tentatively... Decline Open

Owner: Narchal, Ankit

Date: Wed 02.11.2016 13:00 - 14:00

HA: Cloud Partner Trial Agreement

Dial: Russia (toll free) - 81080027264011, Singapore - +65 66221897 ==> Guest

Passcode: 451 885 4288 ==> <https://centurylinkinternalwebapac.centurylinkcc.com/CenturylinkWeb/ANKITNARCHAL>

Hi All,

Please accept this invite for our discussion around CLC trial and partner agreement.

Conference Details:

Mobile: tel://81080027264011*451885



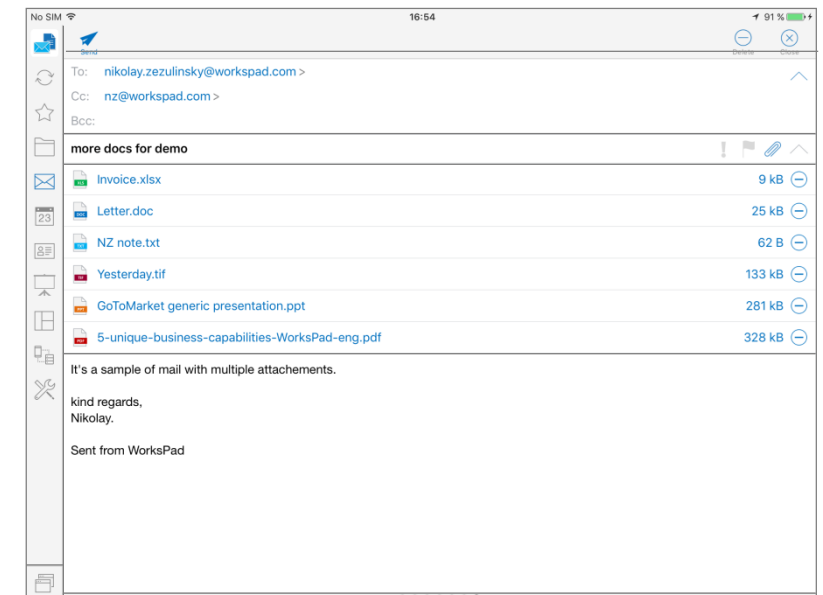
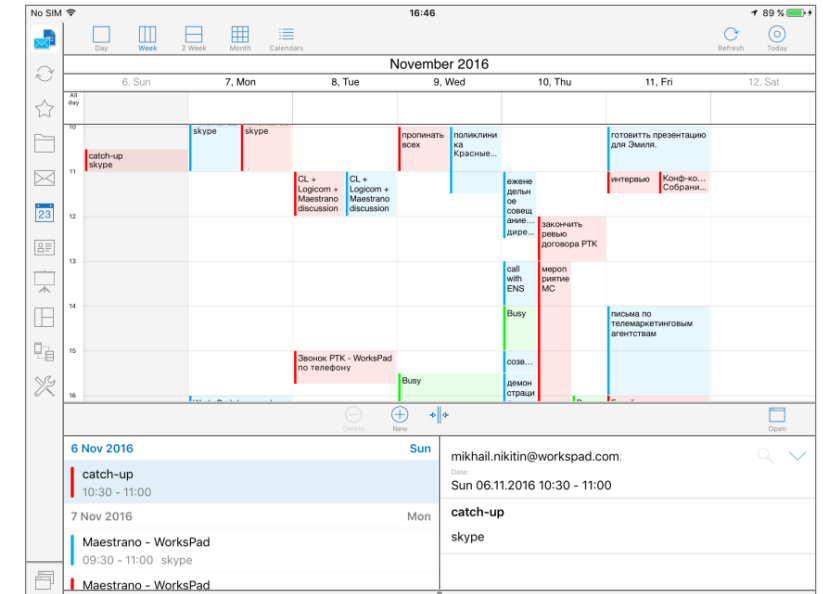
Benefits in e-mail and calendar functionality

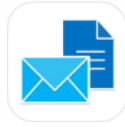
Mail and Calendar client:

- ✓ Multitasking: handling multiple opened documents, mails and calendar entries in parallel;
- ✓ Outlook style handling;
- ✓ Handling multiple attachments from different enterprise sources (network drive, local memory on device, etc..);
- ✓ Absolutely same interface and functionality both on iOS and Android;
- ✓ All attachments can be isolated to be opened within the product only, thus not compromising security;
- ✓ Shared calendars on mobile devices;

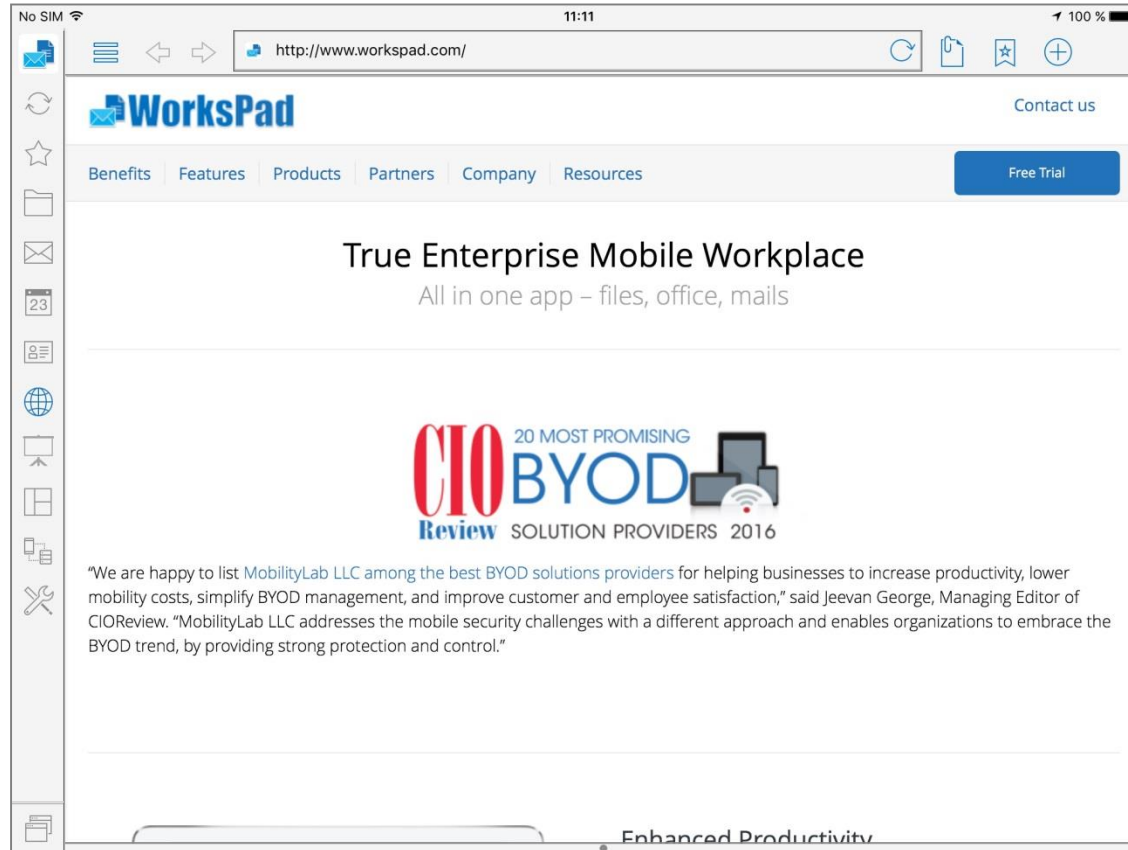
Server side:

- ✓ Access to on-premises Exchange server and Office365
- ✓ WorksPad server interfaces with the Exchange Web Services (EWS);
- ✓ WorksPad client works with WorksPad server not using ActiveSync protocol;
- ✓ Possibility to refrain from using public cloud-services;





Integrated Intranet and Internet browser



- ✓ Controls all Internet traffic rerouting it through WorksPad server services and hence through corporate security systems
- ✓ Provides secure access to corporate intranet sites and systems from mobile devices (Corporate portals, ERP, CRM, HRM, workflow & docflow automation, and others having Web interface)
- ✓ Supports dynamic content (based on HTML 5 + JavaScript)
- ✓ Supports video and audio streaming
- ✓ Build with system level “WebKit” engine for iOS and Android





Enterprise class security for business data

Proven information security capabilities to keep perimeter safe

- ✓ 100% controlled on-premises or service provider side perimeter
- ✓ Data leak prevention policies for mobile workplaces
- ✓ Watermarks for docs, mails, events
- ✓ Standard HTTPS protocol, no built-in proprietary nor country specific encryption/backdoors
- ✓ No communications with outside/3rd party cloud services
- ✓ Verified by the leading independent security assurance testing by Veracode on Level 4
(i.e. “business critical” applications by NIST security risks taxonomy)
- ✓ Integrated and certified by the leading EMM/MAM providers as a part of their enterprise mobility ecosystems





Data in app container protection

open-in and copy-paste policies, backup to SD/iCloud prohibition, etc.

The image displays three overlapping screenshots of the WorksPad mobile application settings interface, illustrating various data protection and security configurations.

General Settings:

- Action when compromised device is detected (jailbroken/rooted): None
- Allow data backups (iOS): ☒
- Maximum total number of failed login attempts per user: [Slider]
- Maximum number of failed attempts to connect per app: [Slider]
- Maximum number of failed local login attempts to app: [Slider]
- Allow login by local password: ☒
- Minimum length of local password: [Slider]
- Allow to use simple local password: ☒
- Allow login by Touch ID (iOS): ☒
- Allow password-less login: ☒
- Allow agents to work on non-domain computers: ☒
- Allow copying information to other apps: ☒
- Allow push notifications: ☒
- Allow detailed push notifications: ☒
- Do not use DLP: ☒

Files Settings:

- Hide watermarks for files: ☐
- Allow network sources: ☒
- Allow user FileBoxes: ☒
- Allow personal sources: ☒
- Allow user to manage personal sources: ☒
- Allow external links: ☒
- Maximum link lifetime: [Slider] hour(s)
- Maximum number of downloads: ☒ 3
- Allow open files IN other apps: ☒
- Allow open files FROM other apps: ☒
- Allow sending by email through other apps: ☒
- Allow print documents in Polaris Office (iOS): ☐
- Allow direct file exchange: ☒
- Allow presentations (screen sharing): ☒

Browser Settings:

- Denied URLs: dropbox.com,www.dropbox.com
- Gateway settings: ☒ Disable
- Gateway address: tryworkspad.com:5757
- Allow to use untrusted SSL certificate: ☒
- Cache timeout (minutes): 10
- Intranet IP addresses: 10.0.0.0-10.255.255.255,172.16.0.0-172.31.255.255,192.168.0.0-192.168.255.255
- Client applications: ☒ Allow and show integrated Web browser, ☐ Hide watermarks for integrated Web browser, ☒ Allow Gateway, ☒ Allow access to intranet through integrated Web browser, ☒ Allow access to Internet through integrated Web browser, ☒ Allow upload files to Internet through integrated Web browser (Android)



Data in app container protection

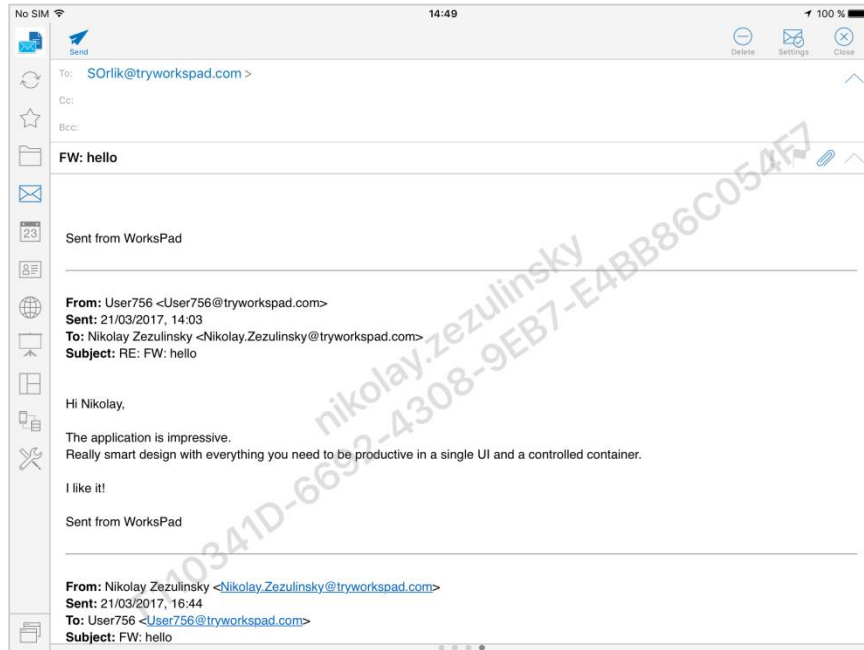
Detection of Jailbreak, Root

- ✓ WorksPad detects jailbreak or root. Device is marked as non-compliant
- ✓ WorksPad server policies may block mobile client WorksPad for non-compliant devices. Remote wipe / remote lock are possible



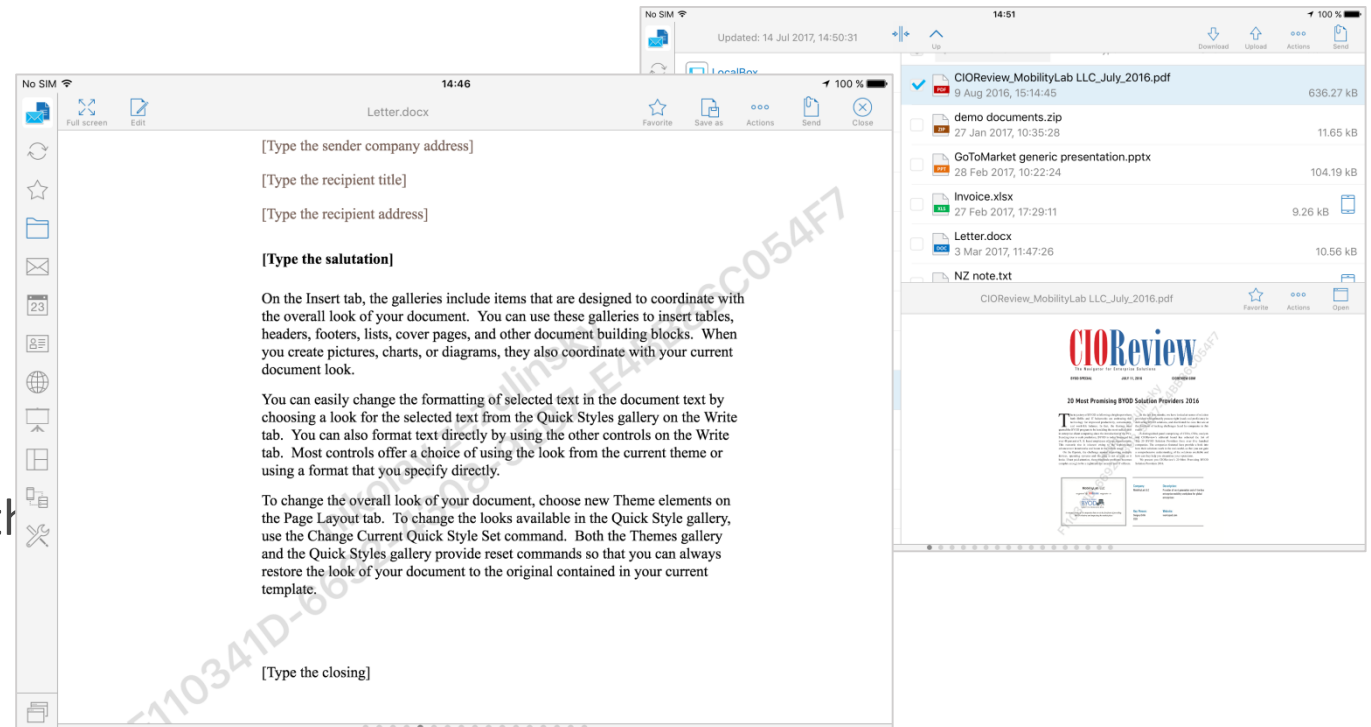


Watermarks



- ✓ Watermarks mark documents and mails with credentials of the user
- ✓ In case of data leakage watermark will automatically point to the user who is responsible for the leakage

- ✓ Protection from screenshots
- ✓ Protection from making photos using other gadget





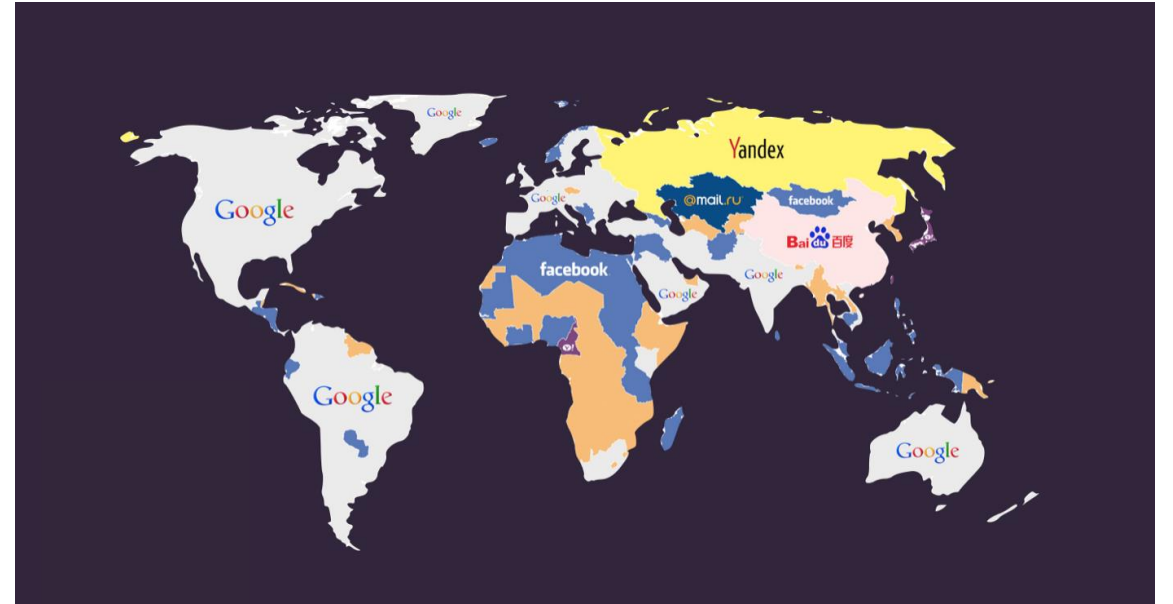
Standalone Mobile Content Management solution

- ✓ Definite split between personal data and enterprise data.
 - ✓ Full control over WorksPad app
 - ✓ No MDM full control over device
 - ✓ No control and access to gallery, social networks apps, messengers and other personal apps on device
- ✓ Most important MDM features included
 - ✓ JailBreak and Root detection
 - ✓ Remote wipe of WorksPad data on device
 - ✓ Granular administrative capabilities and security settings through administrative console
- ✓ The only solution that provides Mobile Content Management without mandatory MDM underneath.
- ✓ Still ready to be used with EMM/MAM providers as a part of their enterprise mobility ecosystems if required



WorksPad – “Digital Sovereignty” component

- ✓ 100% controlled on-premises or local service provider side perimeter
 - ✓ Data leak prevention policies for mobile devices
 - ✓ Watermarks for docs, mails, events
 - ✓ Standard HTTPS protocol, no built-in proprietary nor country specific encryption/backdoors.
 - ✓ Ready to be used with 3rd party local certified VPNs.
-
- ✓ No communications with outside/3rd party public cloud services – “No Google!”
 - ✓ Ideal for BYOD, but also great for Corporate Owned Devices scenario.
 - ✓ Secure implementation of push notifications with granular control of data to be pushed.





Our Customers

- ✓ State Atomic Energy Corporation
- ✓ Russian Railways
- ✓ Bank from Russian top 10
- ✓ Pharma company
- ✓ ...and more





About us

MobilityLab



- ✓ Founded in 2011 as a Resident of Russian National Innovation Center Skolkovo
- ✓ Spin-off from the oldest Russian system integration group I.T. Co.
- ✓ Based in Moscow, Russia
- ✓ Leadership team with 20+ years of proven track record in corporate IT and MNCs (ex-HP, Microsoft, Borland, Oracle)
- ✓ Experienced expert-only R&D
- ✓ 40+ employees and fast growing
- ✓ Partner network in more than 10 countries
- ✓ The leading national vendor for enterprise mobility in Russia

International Recognition



The winner of the [Red Herring Top-100 Europe](#) in 2018



One of [50 Most Valuable Brands 2017](#) by The Silicon Review



One of the [TOP 20 BYOD solution providers 2016](#) by CIO Review magazine



Technology partnerships



- MobileIron, Citrix, VMWare, major vendors of EMM Ecosystems. Compatibility with MDM systems
- Samsung. MobilityLab is member of SEAP program. WorksPad supports Samsung Knox and DeX
- Infraware, vendor of Polaris office. Polaris SDK is built into WorksPad to enable document editing
- InfoWatch. Joint solution included InfoWatch DLP system to monitor mobile devices
- InfoTeCS. Full compatibility with VIPNet, VPN protection technology.



INFOWATCH®





WorksPad benefits summary



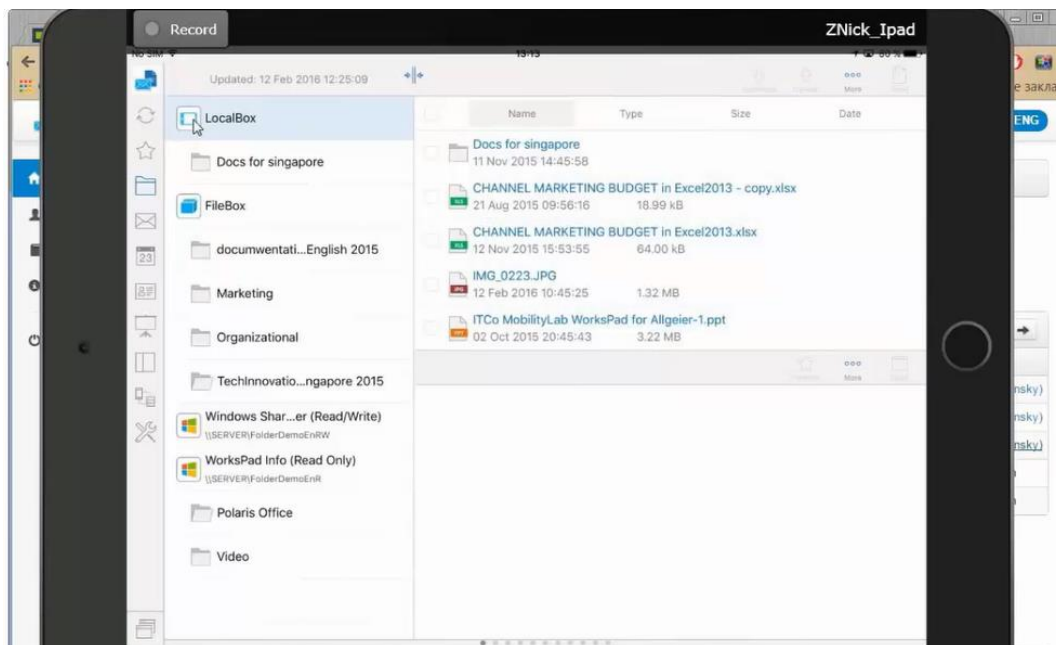
- ✓ Extension of company secure perimeter to mobile devices;
- ✓ Secure access, sync and share of corporate data;
- ✓ Secure corporate e-mailing;
- ✓ Ability to organize paperless meetings anywhere;
- ✓ Unique all-in-one approach to solve "open-in" headache;
- ✓ Ability to work in multitasking way on mobile devices similar to desktop experience;

**WorksPad = Business anywhere
on the move secure and productive**





WorksPad demo video



[Long webinar](https://www.youtube.com/watch?v=R70Kw2GQQ4)

<https://www.youtube.com/watch?v=R70Kw2GQQ4>



ALL OFFICE TOOLS IN ONE APP

[1 minute overview](https://www.youtube.com/watch?v=VuWurfb3fjA&feature=youtu.be)

<https://www.youtube.com/watch?v=VuWurfb3fjA&feature=youtu.be>

