

# ZENworks Mobile Workspace

## Checklist

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## 1 SUMMARY

This document aims to offer a check list to control all available features provided by ZENworks Mobile Workspace.



## 2 ZENWORKS MOBILE WORKSPACE SECURITY LAYER

Feature			Security consideration
Integrity check	X	X	Jailbroken and rooted device lost OS security mechanisms
Strong authentication	X	X	User & application must be authenticated
Second layer of encryption for communication	X	X	OS TLS encryption maybe compromised (MitM, security flow)
Request validation	X	X	Request reaching ZENworks Mobile Workspace are identified
Second layer of encryption for storage	X	X	OS data encryption maybe compromised (no PIN code, jailbreak, security flow)
Data leakage prevention	X	X	OS automatic screenshot, Pasteboard
Live contextual rules	X	X	Context must be process at each request not only at login
No root access, no credential storage	X	X	User data are accessed with user credentials



## 3 ZENWORKS MOBILE WORKSPACE MAM

Feature			Security consideration
Life cycle on unmanaged devices (No MDM profile req.)	X	X	On boarding of untrusted devices
Enterprise store	X	X	Authenticated enterprise store
Access control	X	X	Applications according to user's rights
Version control	X	X	
Allow usage of standard MDM/EMM	X	X	

**4 ZENWORKS MOBILE WORKSPACE MANAGEMENT**

<b>Feature</b>			<b>Security consideration</b>
User management	X	X	Block and disenroll users
Device management	X	X	Block, disenroll and wipe data
Security policies management	X	X	Life cycle control, cache control, key control
Access control list	X	X	Only internal computer can access administration consoles
Role based management	X	X	Sensitive configuration must be handled by authorized users

## 5 MAIL



Feature			Security consideration
Refresh folders	X	X	
See the number of unread emails in folder list view	X	X	
Show email(s) in Inbox (after login)	X	X	Limit maximum available mails
Show emails from the last days/weeks or month	X	X	
Search an email	X	X	
Move one or more emails	X	X	
Flag read/unread one or more emails	X	X	
Delete one or more emails	X	X	
Delete + Flag read/unread quick actions in mail list view	X	X	
Display mail content	X	X	HTML filter to avoid to supply malicious code
Emoticon sending and receiving	X	X	
Display next/previous email	X	X	
Automatic status change of unread email	X	X	
Display mail attachment (PDF, Images, Text)	X	X	Embedded reader to stay in the sandbox, server side access control (mime-type, size)
Display mail attachment (MS Office)	X	X	Embedded reader to stay in the sandbox, server side access control (mime-type, size)
Attachment can be saved in Document	X	X	
New contact creation from email	X	X	
Call a phone number from an email	X	X	
Reply to an invitation via email	X	X	
Open web pages from email link	X	X	Embedded Browser to stay in the sandbox
Compose a mail from mail address on HTML mail body	X	X	
Add sender email to existing contact	X	X	
Call a number from a phone number in an email	X	X	
Create a new contact from a phone number in an email		X	
Write a new email	X	X	
Add an attachment to an email	X	X	
Save a draft	X	X	
Send an email	X	X	
Retrieve an email of a frequent contact tapping the first letters	X	X	

Display number of unread emails on app icon	X	X	Available only on following Android devices: Sony, Samsung, LG, HTC, Xiaomi, ASUS, ADW, APEX, NOVA, Huawei, ZUK, OPPO, EverythingMe
Retrieve an email address while tapping the first letters	X	X	
Retrieve an email address from address book	X	X	
Reply to an email (just to sender)	X	X	
Reply to an email (reply all)	X	X	
Forward an email with / without attachments	X	X	
Clear frequent contacts locally stored	X	X	
Set a signature for outgoing emails	X	X	



## 6 CALENDAR

Feature			Security consideration
Refresh meeting list	X	X	
Show meeting list (after login)	X	X	
Return to current day with "Today" button in all views	X	X	
Show multiday meetings	X	X	
Load older/previous meetings	X	X	
Load future/more meetings	X	X	
Show meetings of a selected day (month view)	X	X	
Switch list mode / month mode / day mode	X	X	
Change day and month in list mode (iPad)	X		
Change month from list in month mode (iPad)	X		
Change year in month mode (iPad)	X		
Change month with swipe in month mode	X	X	
Change month with arrows in month mode	X	X	
Show a dot on days with meetings in month mode	X	X	
Search a meeting	X	X	
Open a meeting	X	X	
Reply to an invitation from calendar	X	X	
Create a new meeting from all views	X	X	
Create a new all-day meeting from all views	X	X	
Create a new multiday meeting from all views	X	X	
Create a new recurring meeting from all views	X	X	
Edit a meeting	X	X	
Add/remove attendees to a meeting	X	X	
See attendees status	X	X	
Delete a meeting	X	X	
Import meetings from native application	X	X	
Export meetings to native application	X	X	Anonymization of confidential data

## 7 CONTACT



Feature			Security consideration
Show folder containing contacts	X	X	
Show all locally available contact	X	X	
One-time download of contacts	X	X	
Filter contacts by category	X	X	
Sort contacts	X	X	
Search contacts (local, server, GAL)	X	X	
New contact creation	X	X	
Edit contact	X	X	
Show all available data of a selected contact	X	X	
Emoticon	X	X	
Delete contact list	X	X	
Delete contact from Edit	X	X	
See contact address on Google maps from Contact menu	X	X	
Send meeting invitation from contact	X	X	
Send SMS to contact from contact	X	X	
Send email from contact	X	X	Embedded mail editor to stay in the sandbox
Call contact	X	X	
Import contacts from native application	X	X	
Export contacts to native application	X	X	Anonymization of confidential data

## 8 TASKS



Feature			Security consideration
Get the list of ongoing tasks	X	X	
Get the list of completed tasks	X	X	
Create a new task	X	X	
Read a task with detail	X	X	
Delete a task	X	X	
Mark a task as completed	X	X	



## 9 WEB BROWSER

Feature			Security consideration
Show home page after opening browser	X	X	
Enter a URL and go to page	X	X	Allowed URL on server side
Error message for not existing pages	X	X	
Open a new page from hyperlink	X	X	
Go to Home page by clicking Home button	X	X	
Refresh a web page	X	X	
Back and forward buttons	X	X	
Stop loading a page	X	X	
Share a web page	X	X	
Bookmark a page	X	X	
Open a page from bookmarks	X	X	
Delete a bookmark	X	X	
Add a webapp to Workspace sidebar	X	X	
Open a webapp from Workspace sidebar	X	X	
Remove a webapp from Workspace sidebar	X	X	
Compose a mail from mail address on web page	X	X	Embedded mail editor to stay in the sandbox

## 10 DOCUMENT

Feature			Security consideration
Navigation in Local drive	X	X	
Local files list	X	X	
File opening in Local drive	X	X	
Rename a file in Local drive	X	X	
Create a new folder in Local drive	X	X	
Rename a folder in Local drive	X	X	
Delete single folder on local drive	X	X	
Delete single file on local drive	X	X	
Multiple file delete in local drive	X	X	
Move single folder in local drive	X	X	
Move single file in local drive	X	X	
Move multiple files in local drive	X	X	
Create a new folder into a subfolder in local drive	X	X	
Local search from root folder	X	X	
Local search from subfolder	X	X	
Local search of documents	X	X	
Send a file in Documents as attachment of an email	X	X	Embedded mail editor to stay in the sandbox
New file import - photo/video	X	X	
*Navigation in Remote drive	X	X	
*Remote files list	X	X	
*File download / opening from Remote drive	X	X	
*Rename a file in Remote drive	X	X	
*Rename a folder in Remote drive	X	X	
*Create new folder in Remote drive	X	X	
*Folder delete in Remote drive	X	X	
*Single file delete in Remote drive	X	X	
*Multiple file delete in Remote drive	X	X	
*File upload in Remote drive	X	X	
*Create a new folder into a subfolder in Remote drive	X	X	
**Add annotations to PDF files	X	X	In memory annotations
**Save PDF annotations to a new file	X	X	In memory annotations
**Edit / cancel annotations of annotated PDF files	X	X	In memory annotations

\* Only if connected to a CMS such as SharePoint or Alfresco

\*\* Only if Annotation add on has been purchased