



IBM Notes/Domino update Moscow Event

21 March 2017

Uffe Sorensen

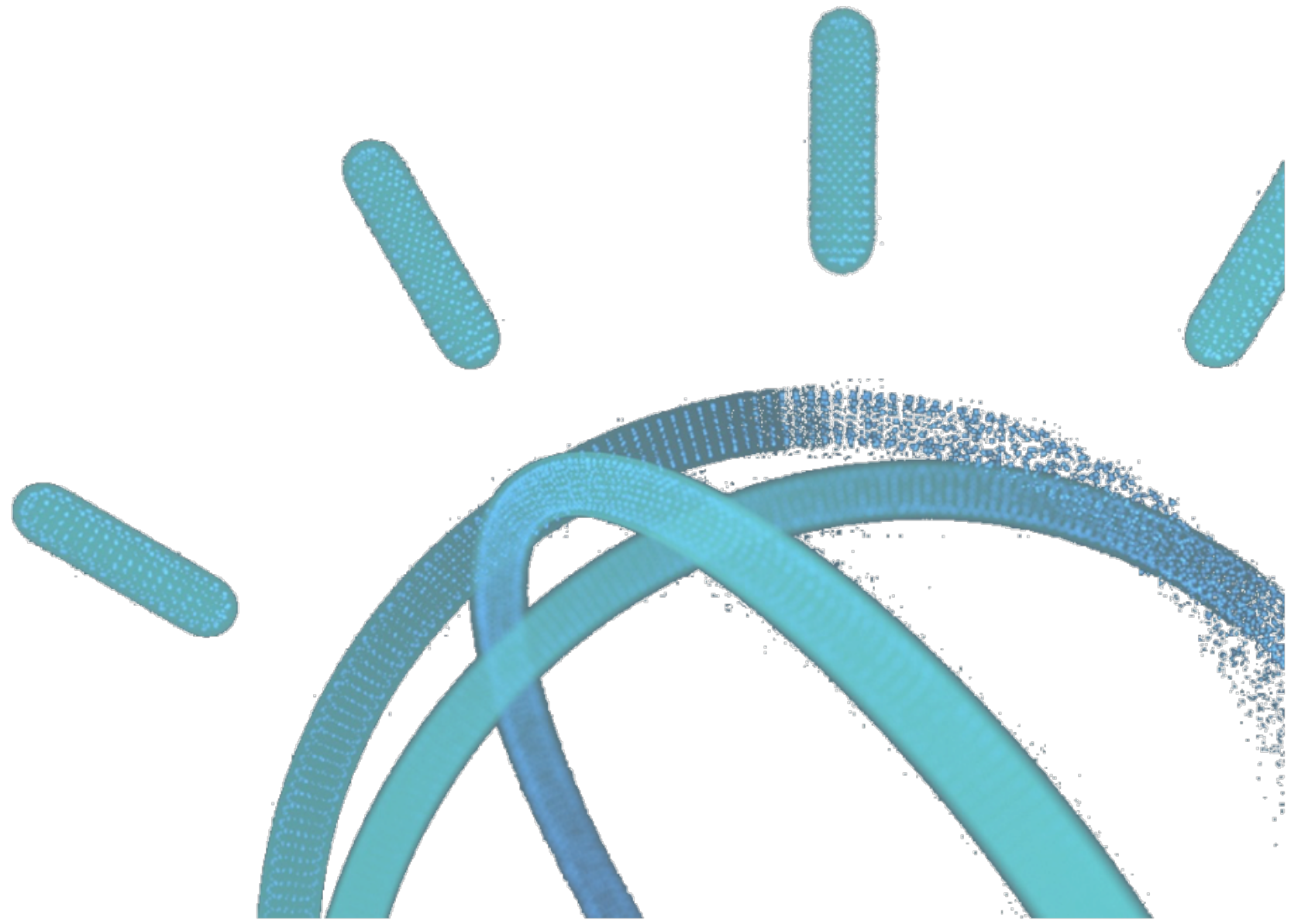
uffe@dk.ibm.com

Messaging & Collaboration Director

IBM Collaboration Solutions

 usorensen

 @uffesorensen



Please Note

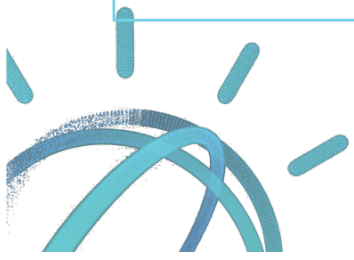


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The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for our products remains at our sole discretion.

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Our Focus ...

**How People
Get Work
Done**



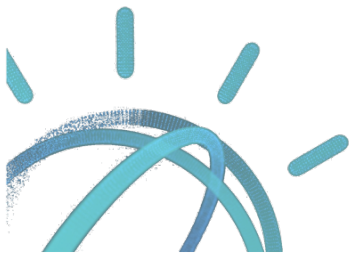


In-depth topics for today ...

The continued investment in On-Premises collaboration

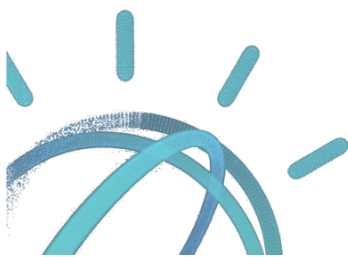
- **The Social Mail Continuum & IBM Verse**
- **The ND roadmap**
- **What about Domino applications ?**

Your questions - of which I'm sure there are a lot ...





Social Mail & Verse



Notes 9 Social Edition

Social Theme: cleaner, more modern look, adopted across IBM product line for UI consistency

Enhanced Search



The screenshot displays the IBM Notes 9 Social Edition interface. At the top, a menu bar includes File, Edit, View, Create, Actions, Tools, Window, and Help. Below it is a toolbar with icons for Open, Mail, Calendar, Home, and other functions. The main area is divided into several sections:

- Left Sidebar:** A navigation pane for the user 'Dennis Michaels' showing folders like Inboxes, Drafts, Sent, Follow Up, All Documents, Junk, Trash, Chat History, and Views. A 'Shortcuts' callout points to this sidebar.
- Mail View:** A list of emails grouped by date. The top group is 'Today (total: 1)' with an email from Samantha Daryn. The next group is 'Yesterday (total: 2)' with emails from Frank Adams and Samantha Daryn. A 'Group By' and 'Show Beginning' callout points to the date groupings.
- Profile Card:** A pop-up card for Samantha Daryn, Director of Human Resources, with her contact information and a status indicator 'I am Available'.
- Social Feed:** A post from Samantha Daryn sharing a file 'IBM.jpg' with the user. The post includes a photo of a building and a 'Like' button. A callout 'Abbreviated dates' points to the date '03/08/2013 02:16 PM'.
- Right Sidebar:** A 'Sametime Contacts' list showing available contacts under 'Sales (0/2)' and 'Work (2/5)' categories. Below it is a 'Files' section with a search bar and a list of files like 'Renovations Banking C'.

Shortcuts

Samantha Daryn
Director - Human Resources
1-309-555-6104
Prep'ing for upcoming customer meetings regarding new product launch.
I am Available

"Group By" and "Show Beginning"

Abbreviated dates

Embedded Experiences

Incl. File Sync & Share ...



The screenshot shows the IBM Notes application interface. At the top, there's a menu bar with 'File', 'Edit', 'View', 'Create', 'Actions', 'Tools', 'Window', and 'Help'. Below that, a toolbar contains various icons for actions like 'New', 'Reply', 'Forward', etc. The main area is divided into three panes: a left sidebar for navigation, a central list of emails, and a right pane for the selected email's details.

Left Sidebar: Shows folders like 'Inbox (21967)', 'Drafts', 'Sent', 'Follow Up', 'All Documents', 'Junk', 'Trash', 'Chat History', 'Views', 'New Travel', 'Uffe 9 All', and 'Folders'. At the bottom, there's a 'Follow Up' section with a table:

Who	Due	Subject
Dale Esmerald	07/30	*IBM C...
t.vaneckhout	07/31	Re: Foll...
A Note from K	08/15	IBM Co...
Michael Philip	08/22	Re: Fw:
Office Producti	10/03	Action
Global End Us	10/24	Action
Global End Us	10/29	UPDATI
Nordic Internal	11/25	iPad fo...
Forsyningen Al	12/14	Aflæsni
Expertise-Loc	01/23	FOR YC
IBM Cybersecu	02/03	WARNIN

Central Email List: Shows a list of emails. The selected email is from 'w3conns' dated 2017/03/03 21:31, with the subject '[Files] George K. Watts edited the file 'Approved+Global.xls''. Below it, another email from 'Barry Rosen' dated 2017/03/03 23:10 is highlighted in cyan.

Right Pane (Selected Email): Shows details for the selected email. It includes a globe icon, the subject line, the sender 'w3conns', and the recipient 'George K. Watts'. The main body of the email contains the text: 'George K. Watts edited the file Approved+Global.xls.' Below this, there are links for 'Open this item' and 'Open in Mobile'. At the bottom, it shows the community 'Global Procurement Policies and Practices Community', tags 'non, po', and the posting date 'Friday, March 3, 2017 at 8:29:57 PM GMT'. A note at the bottom states: 'This is a notification sent from IBM Connections.'

Right Sidebar: Shows a 'Files' section with a search bar and a list of files. The files listed include '170301 - ND Roadmap' (19.1 MB), '170301 - ND Roadmap' (13.1 MB), '1689A - ND Licensing.r' (7.1 MB), '161122 - ND & Verse U' (25 MB), '161108 - ND Verse Upc' (24.6 MB), '161108 - ND Verse Upc' (19.4 MB), '161103 - ND Verse Upc' (24.8 MB), '161103 - ND Verse Upc' (20.3 MB), '161027 - ND Verse Roa' (24.1 MB), '161027 - ND Verse Roa' (26.2 MB), and '160914 - VND Roadma'.

Bottom Bar: Shows the user's name 'SmartCloud for Uffe Sorensen'.

Connections
Files

Incl. File Sync & Share ...



Connections Sync

Name	Date Modified
170301 - ND Road...Uffe Sorensen.pdf	2017 Mar02, 03.43
170301 - ND Road...Uffe Sorensen.pptx	2017 Mar02, 03.40
1689A - ND Licensing.pptx	2017 Feb26, 04.02
Exec Visit Jason G...ec 6-10, 2016.docx	2016 Dec07, 14.18
Exec Visit Ed Brill...-Dec 2, 2016.docx	2016 Nov23, 22.05
Exec Visit barry Ro...c 12-16,2016.docx	2016 Nov21, 15.46
Exec Visit Karina T...ec. 7-9, 2016.docx	2016 Nov21, 13.12
IBM Verse On-Pre...s Sales Talk V1.pptx	2016 Nov16, 16.21
Exec Visit Inhi Cho...ov14-18_2016.docx	2016 Nov15, 14.22
IBM and ICS Strategy Deck.pptx	2016 Nov11, 15.47
Toscana intro for customers.pdf	2016 Aug16, 19.56
Toscana messages and FAQ.pdf	2016 May19, 15.14
What's New in IBM...IBM DominoV1.ppt	2016 Apr21, 15.00
IBM Connect 2016...he Highlights.pptx	2016 Apr12, 06.52

Connections Files

- 170301 - ND Roadmap (19.1 MB)
- 170301 - ND Roadmap (13.1 MB)
- 1689A - ND Licensing.r (7.1 MB)
- 161122 - ND & Verse U (25 MB)
- 161108 - ND Verse Upc (24.6 MB)
- 161108 - ND Verse Upc (19.4 MB)
- 161103 - ND Verse Upc (24.8 MB)
- 161103 - ND Verse Upc (20.3 MB)
- 161027 - ND Verse Roa (24.1 MB)
- 161027 - ND Verse Roa (26.2 MB)
- 160914 - VND Roadma

Desktop & Mobile Sync

Connections Cloud 2017/03/04 03:01



IBM Verse



Mail that understands you



Less clutter, more clarity



Connecting me to we



IBM Verse: Mail re-imagined for a #NewWayToWork

Mail that understands you

Both cloud- & on-premises, designed for mobile, and powered by IBM's analytics and advanced search, **IBM Verse works for you, not the other way around.**

Less clutter, more clarity

Experienced through a simple, see-only-what-you-need interface, **IBM Verse helps you focus on what matter most.**

Connecting me to we

With an array of intelligent, secure and engaging social apps, **IBM Verse opens up new ways to work together.**

- LAST WEEK
- Larry Moriarty
MRI Images you requested
Here are the MRI machine images that you requeste...

May 4
- Box
Larry Moriarty has added you to a collaborated folder on Box
LM Larry Moriarty has added you to a folder:

May 4
- OLDER MESSAGES
- Larry Moriarty
SES request
Please verify. SES Work Request Regards,

Mar 22
- Larry Moriarty, Heather Reeds**
Marketing Budget Report

2 [Link] Mar 20
- Larry Moriarty
Re: Time for client meeting
thanks for the 25, Ron. Verse Chrome thread test. R...

Nov 4, 2015
- Larry Moriarty, me**
test threading
Check it out. Sent from Verse on Chrome

2 Nov 4, 2015
- Larry Moriarty**
Invitation: Shipping Metrics Report - Zeta (Wed 10/28/201...

Oct 28, 2015

Reply Forward [Checklist] [Trash] [Envelope] [More] [Share]

MRI Images you requested

Wed, May 4
[Show more](#)

Larry Moriarty to me

Here are the MRI machine images that you requested. I've shared these with you on Box. I have a couple more I'll drop in later today. Let me know if you are looking for something specifically and I'll see what I can find to help support your story. I've also attached a c-suite study which may be of interest.



Regards,
Larry

Larry Moriarty
Greenwell
580 Avenue of the Americas
New York, NY 10022
1-212-555-8249



Verse Users' Favorite Features:

Important To Me Bar

Modern Interface

Faceted Search

Calendar Bar

Waiting For/Needs action



“How did I live without this before?”

Samantha Tolomeotti, Financial Analyst, IBM

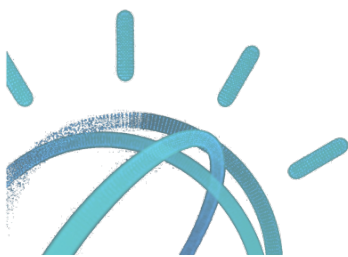
IBM Verse

#NewWayToWork



Verse On-Premises

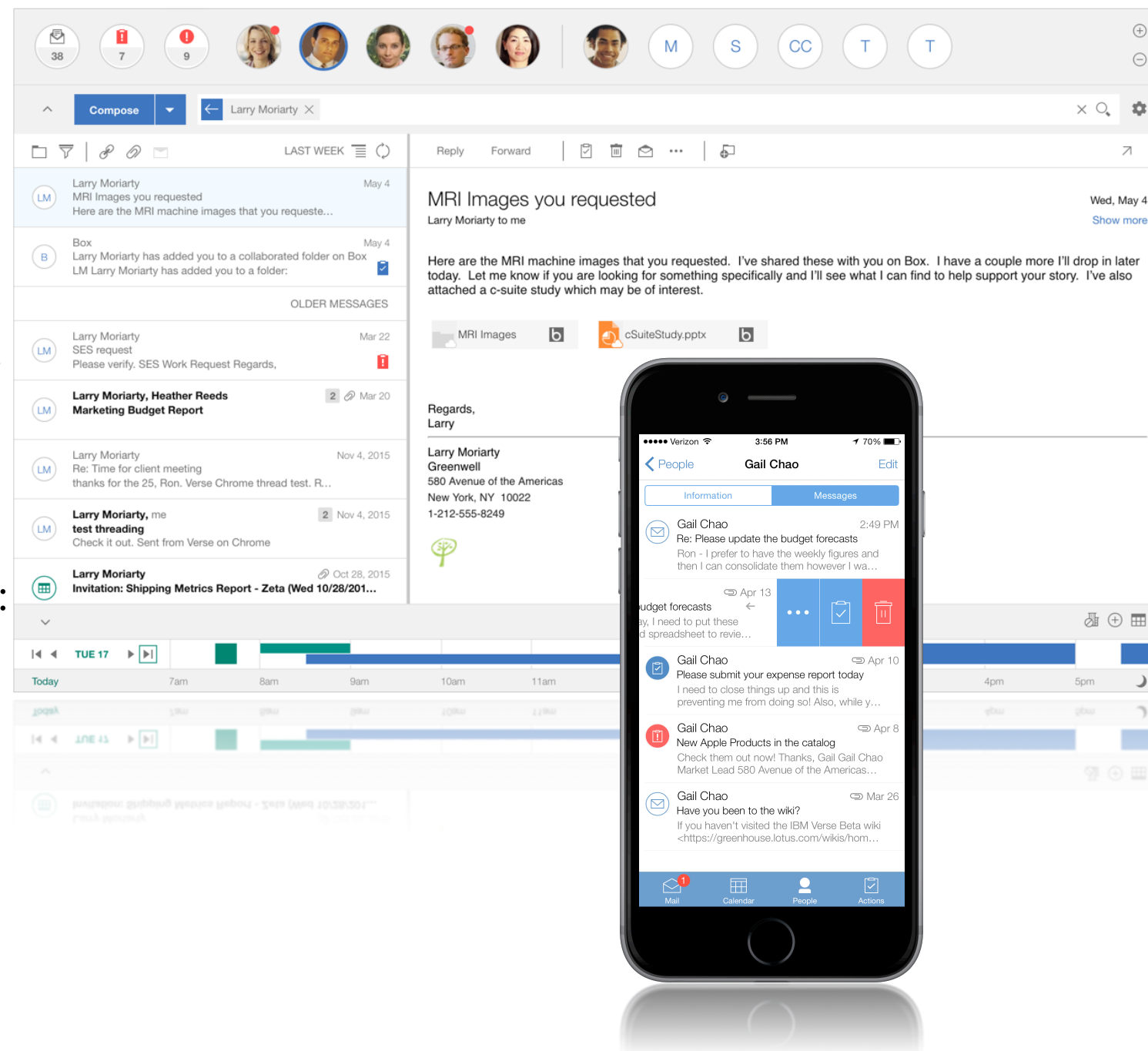
Available since Dec 2016





Verse On-premises Overview

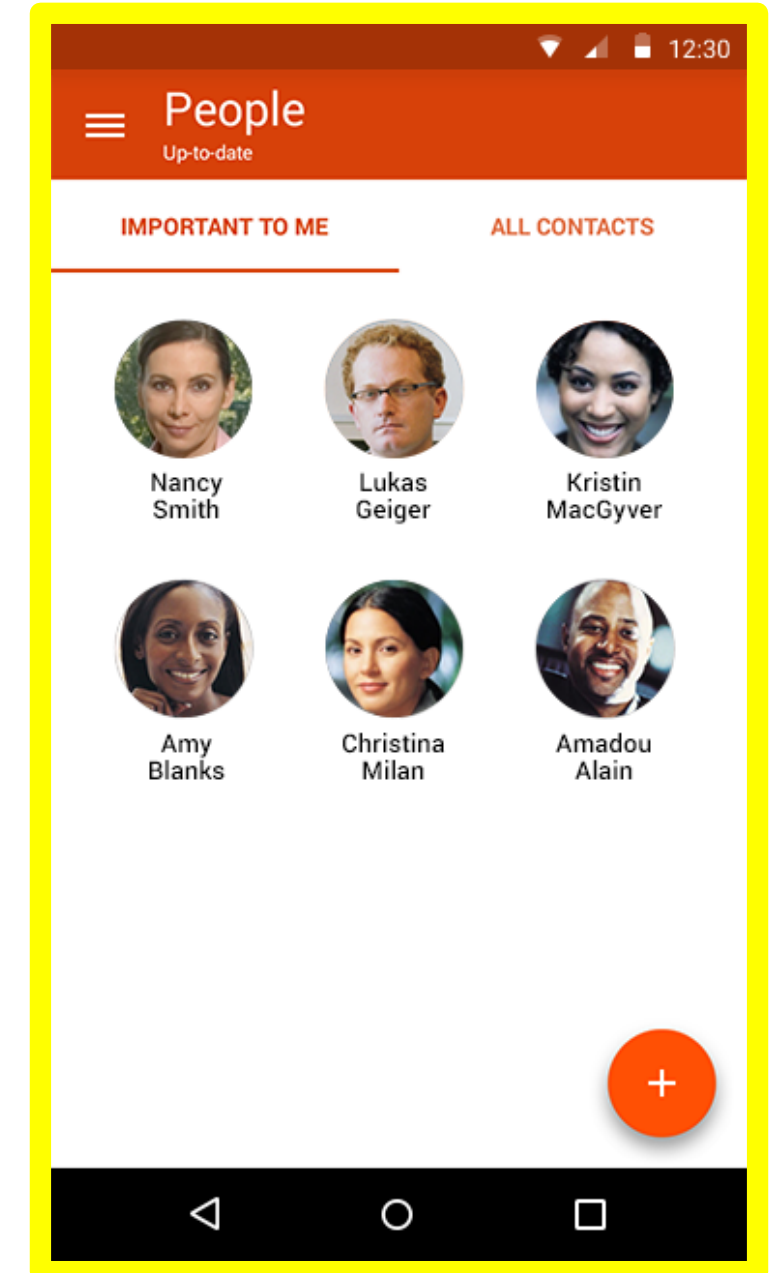
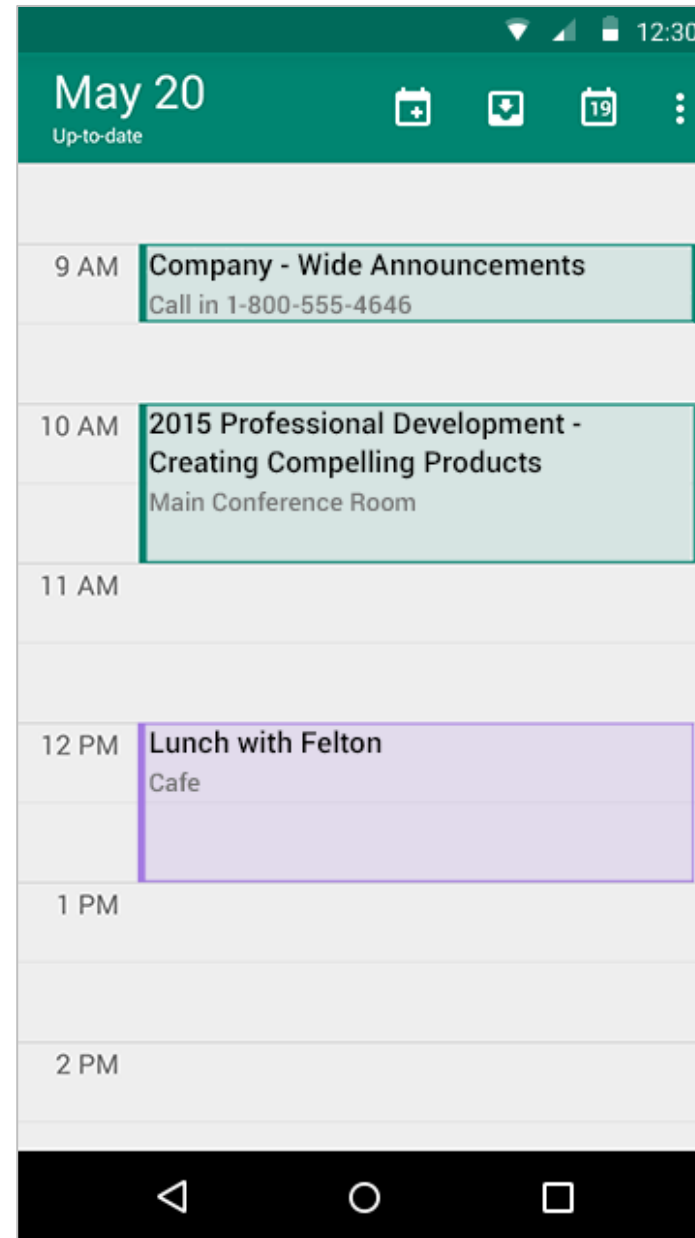
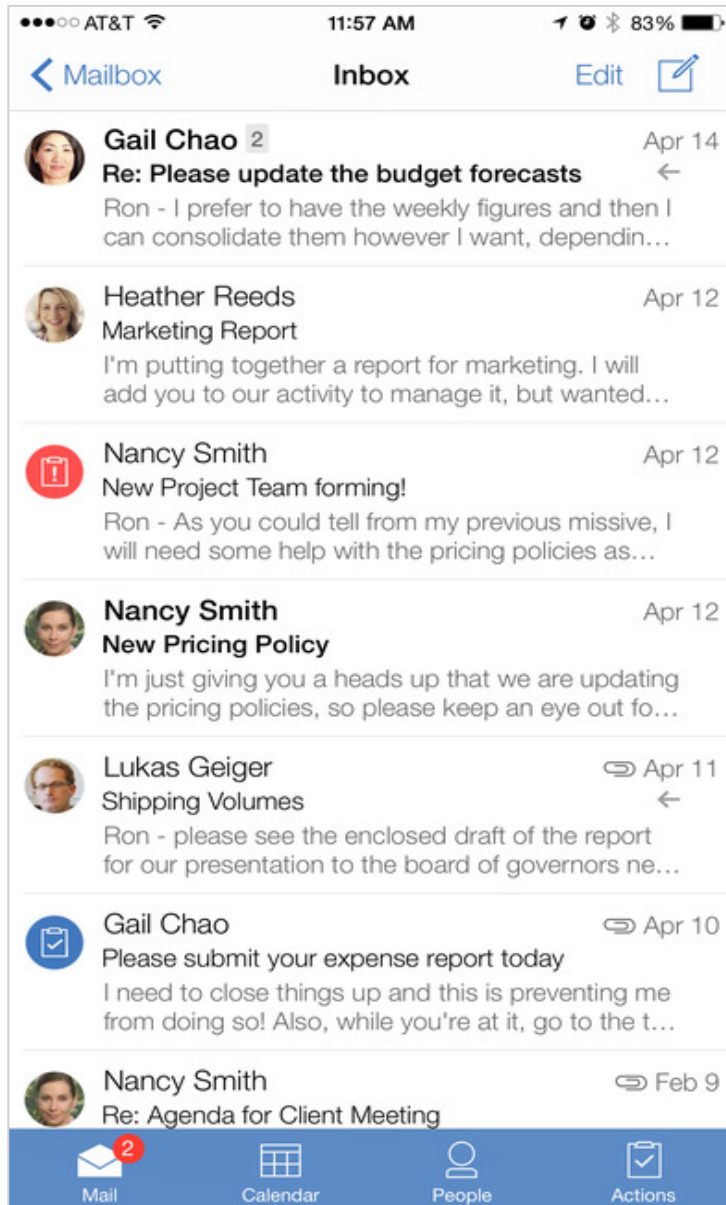
- Domino customers can now deploy Verse both in Cloud and On-Premises to further leverage their investment with latest generation e-mail !
- Verse On-premises provides the same rich experience, enjoyed by Verse users in the cloud
- IBM will continually update VOP with new Verse Cloud capabilities
- IBM Verse with IBM Client Application Access provide an “evergreen” user desktop
- Available and entitled via active S&S for Notes/Domino:
 - CEO plus Messaging or Enterprise CAL/PVU
 - Messaging / Collaboration Express
 - All Dual Entitlement (DE) licensing
 - Must have active S&S or DE Service !
 - Leverage Connections Files & Profiles entitlements with ND



IBM provides Verse Mobile for iOS and Android



IBM Verse Mobile provides access to your mail, calendar, contacts and actions



IBM mail support for Microsoft Outlook – 2Q2016



Delivers Outlook experience
Against Domino server

Interacts seamlessly with
Notes, VOP, iNotes clients

Requires minimal IBM
code + Outlook software

Product Information



Subscription Product

Microsoft Office 365

This product contains



Manage Account



Update Options

Office Updates

Updates are automatically downloaded and installed.
Version: 16.0.4229.1024



About Word

About Word

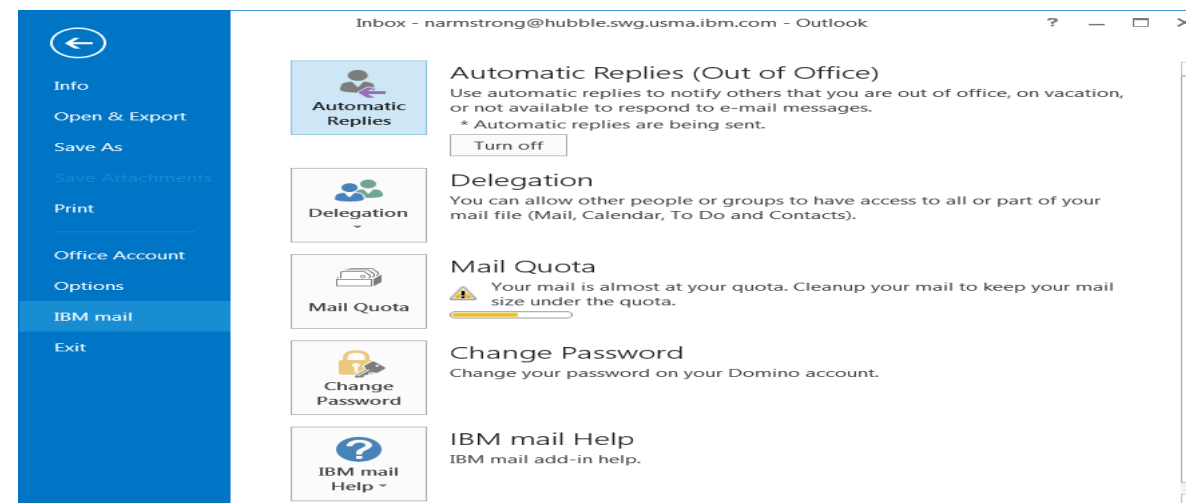
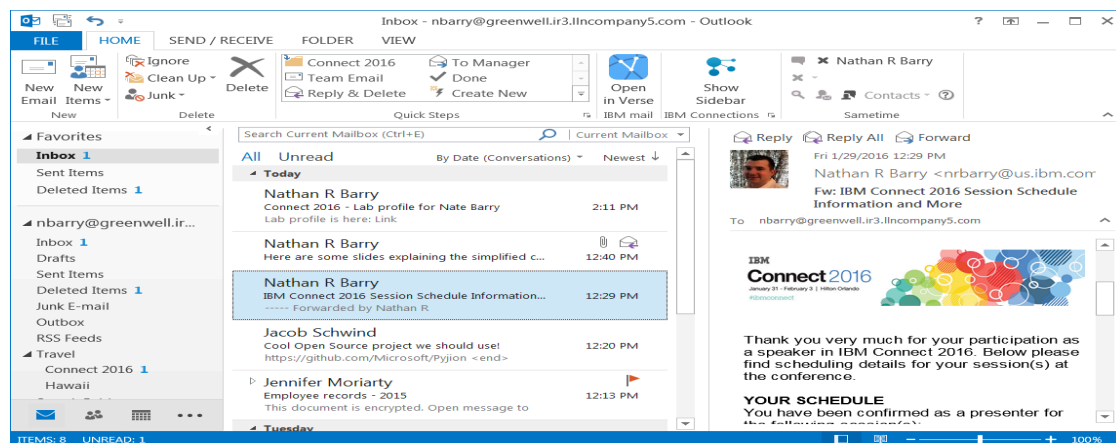
Learn more about Word, Support, Product ID, and Copyright information.



All Standard Outlook features retained in IMSMO

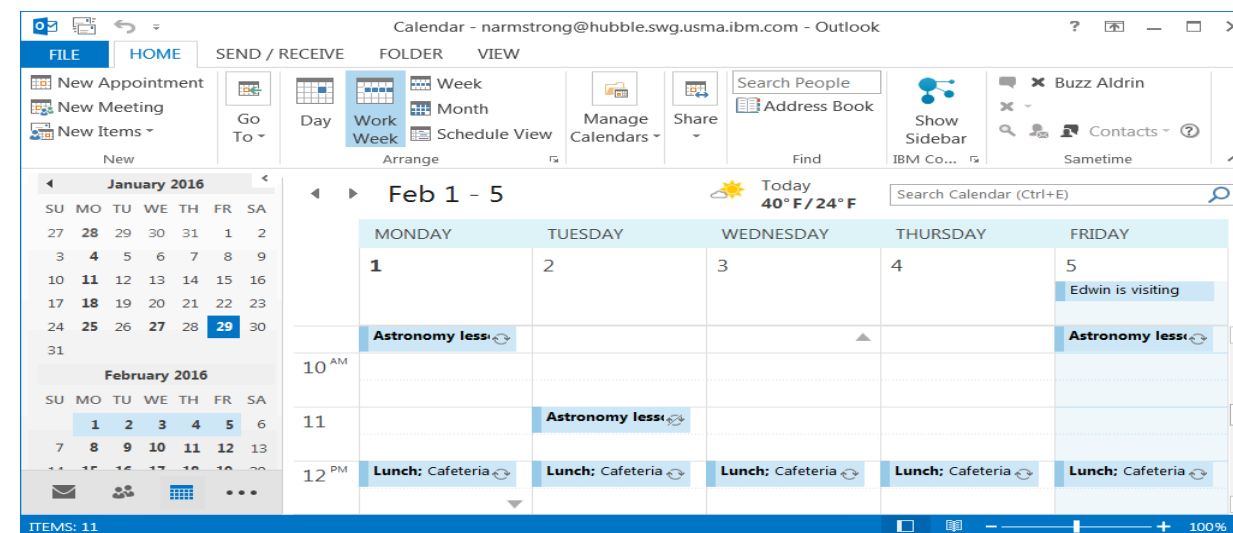
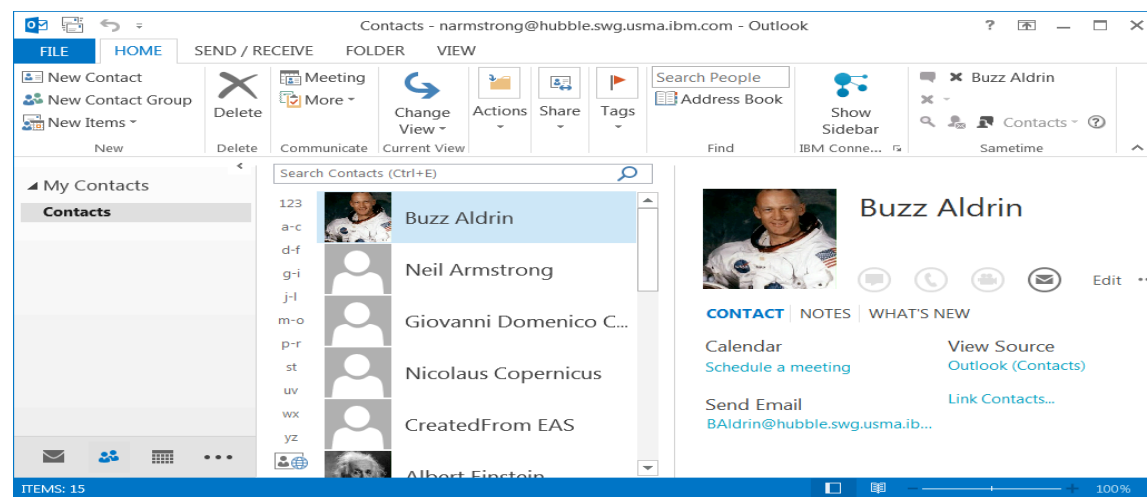
Main Interface

Mail Options

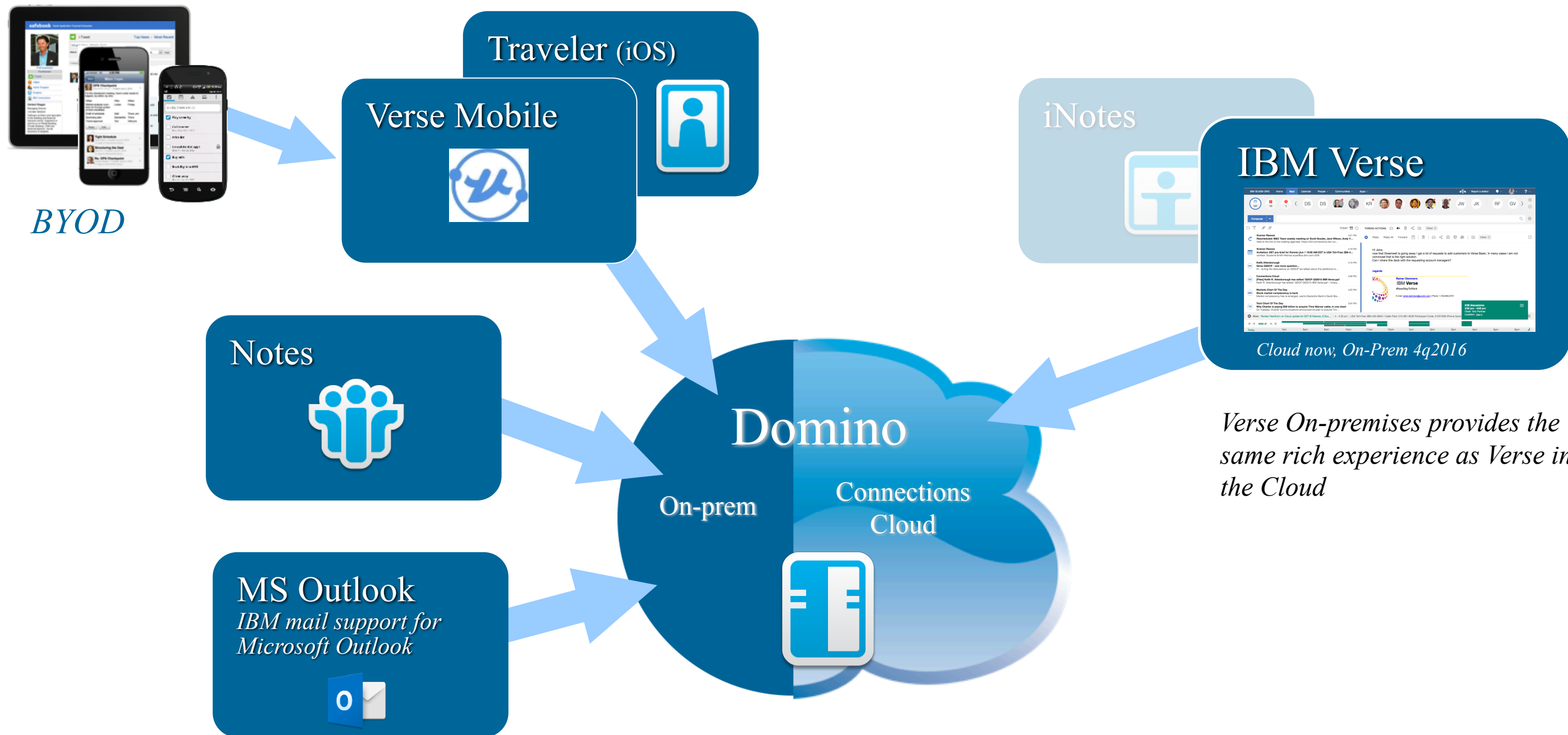


Contacts

Calendar

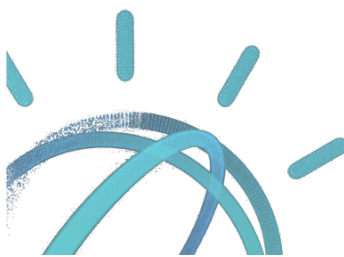


Choices for mail: “Bring Your Own Client”



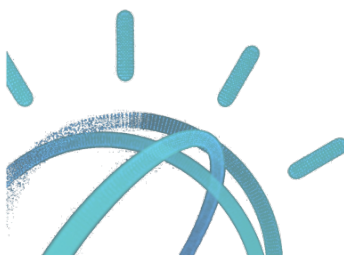
Some things to think about for mobile devices ...

- Device native PIM
 - iOS Traveller support
- Specific vendor provided PIM
 - Verse Mobile – iOS / Android
- Containerization and MDM



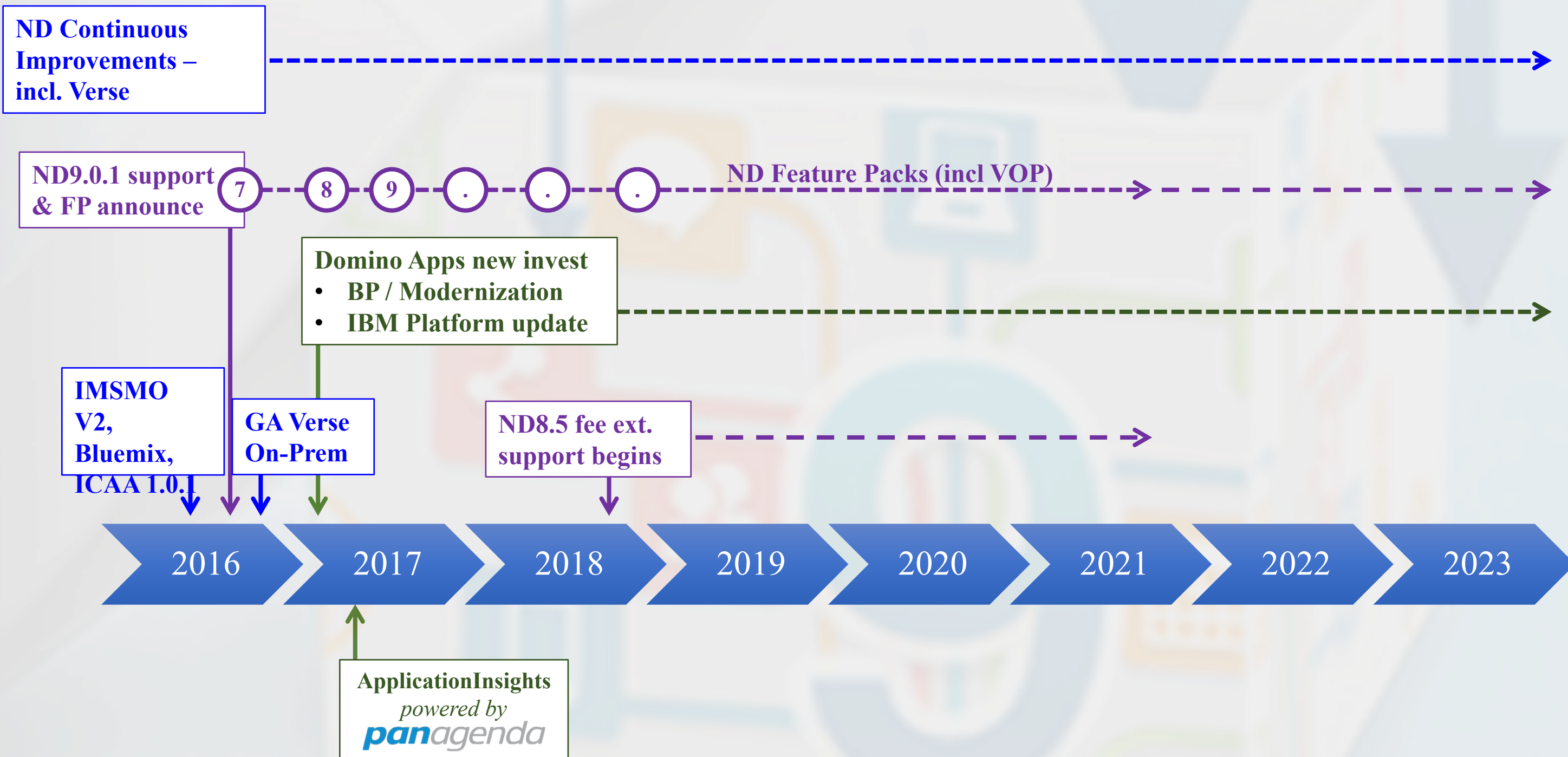


The ND Roadmap





The ND Investment Roadmap (March 2017 update)





Notes/Domino Feature Packs

- **Our objective is to accelerate the delivery of more features into the N/D platform, hence changing approach to gather components into quarterly featured packs for a continuous delivery model**
- **”Core” technical elements required to support the longevity of Domino applications are initially targets for feature pack shipments ...**
- **Allow us to speak about continued enhancements and have a simple nomenclature without costly Version.Release naming**
- **Template updates will continue to be separate but aligned with the next closest Feature Pack release**
- **Sametime on-premises switching to same Feature Pack model !**
- **Remember also: *As of Sep 6, 2016, any downloads (Fixes, Feature Packs, etc) are only available to customers with active S&S or Dual Entitlement subscriptions !***



Notes Windows Feature Pack deliverables ...

MAC roll up target 2h2017

Notes Fix Pack 7

1. Improved support in Notes client for high resolution monitors including 4k monitors
2. Support for TNEF based calendar invitations in Notes/Domino addressing parsing issues

Q3 2016

Notes Feature Pack 8

1. **Support Java 8 run-time**
2. Ability to show internet address instead of Notes address in Mail, Calendar, Contacts and To-Do
3. Improvements in rendering forwarded MIME messages (read-only)
4. Mail template update
5. Policy support for Group By Messages and Beginning of message
6. **Discontinue NBP standalone Kits**

Delivered Mar 7, 2017



Notes Feature Pack 9

1. **Upgrade OSGi/Eclipse to support Java 8 compile time**
2. Ability to run rules on existing emails
3. Support for persistent VDIs for Roaming and SAML configurations
4. Support for Last Name/First Name mail addressing in Notes client providing consistent results
5. Support auto refresh for delegated mail files

Application Development modernization items in blue

High Priority

1. Upgrade embedded Sametime
2. Support for STARTTLS protocol in Notes client
3. Support for incremental overlay in federated calendars for ICS files
4. Delegate Calendar and Todos option when delegating mail files
5. Increase limit for junk mail in the Notes client
6. Archiving with editor access for delegates
7. Support for folder design upgrades for large number of folders
8. Forward invitation as an invitation

Domino / App.Dev. Feature Pack deliverables ...





Domino Fix Pack 7

1. Notes/Domino Port Encryption upgraded to AES

Q3 2016

Domino Feature Pack 8

- 
- 
1. Java 1.8 upgrade (Run time only)
 2. ExtLib Upgrade from OpenNTF
 3. Move Views outside NSF for Increased data store
 4. Document encryption for XPages
 5. Backend LotusScript / JavaScript / Java Access to ID Vault
 6. Increase Doc Summary limit from 64K to 16MB
 7. Designer source control extension point for Swiper integration
 8. Pubnames template update
 9. Support ADFS 3.0
 10. New @ModifiedInThisFile, @AddedToThisFile

Domino Feature Pack 9

1. Upgrade Domino Designer to Eclipse 4.x
2. Java 1.8 upgr (Designer compile tme)
3. Upgrade OSGi on Domino server
4. NIF: Concurrency Enhancements & in-line view update
5. Domino policy to restrict mail from forwarding to an internet address
6. Support RFC 2231 - standard for specifying non-ASCII headers. (Ancient std, however default for many mail clients, e.g. Thunderbird)

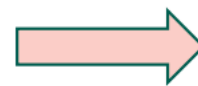
Application Development modernization items in blue

High Priority

1. Performance and Scalability improvements for IBM Verse On Premises
2. REST APIs for Domino Access Services (DAS)
3. DAS API specs on GITHUB

Most comprehensive, modern Java environment ...

But this is what is REALLY exciting...

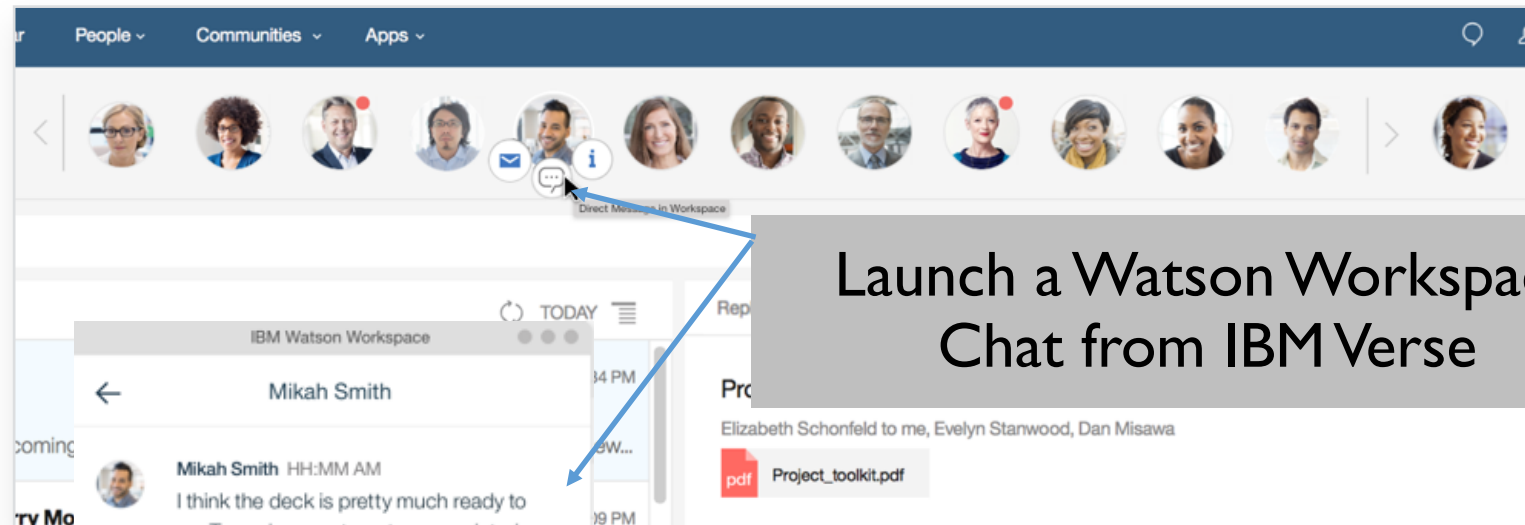


1. Upgrade Domino Designer to Eclipse 4.x

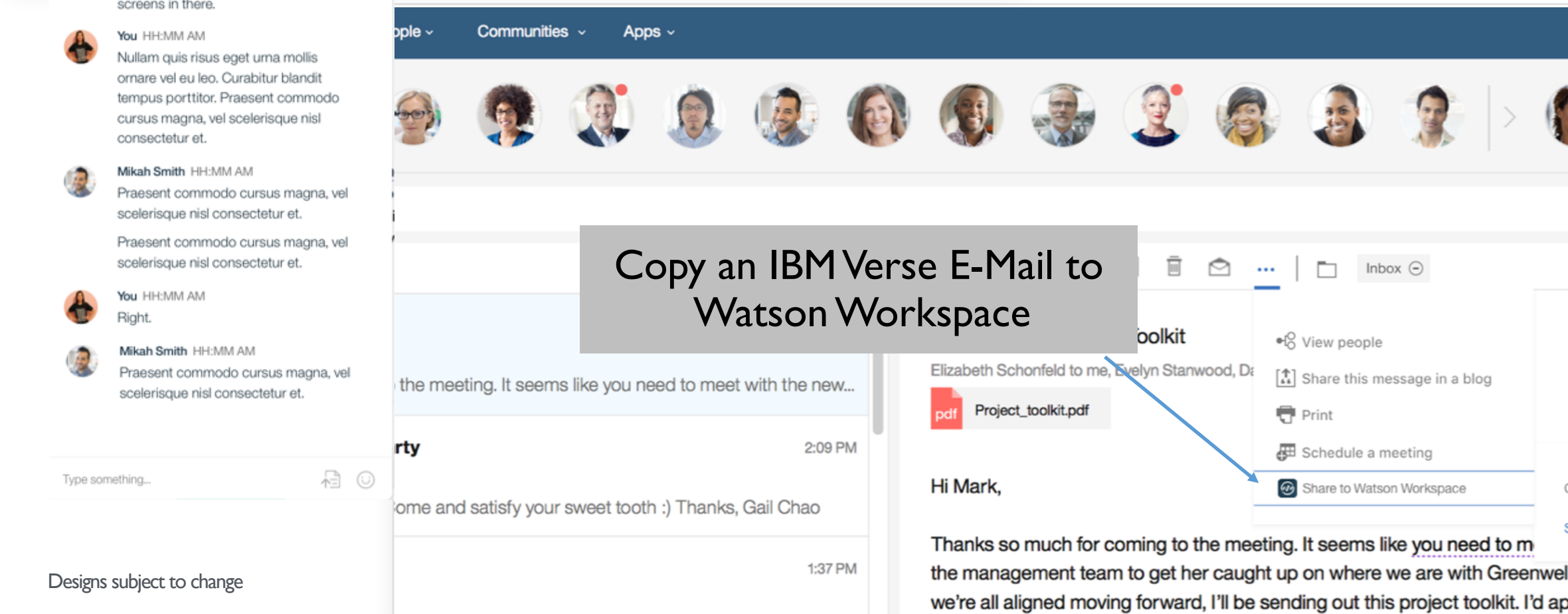
- An Eclipse upgrade means you can take advantage of Java 1.8 features in
 - XPages, Custom Controls, Managed Beans
 - Java Agents
 - Java Design Element
- It gives us the opportunity to take advantage of modern Eclipse tooling
 - Source control plug-ins (EGit, SCN, CVS etc)
 - Updated Editors and Tooling (e.g. JavaScript enhancements, Bluemix)
 - Latest Community Projects
- OSGi components requiring the modern implementations can be dropped in once again



IBM Watson Workspace und IBM Verse Integration Concept

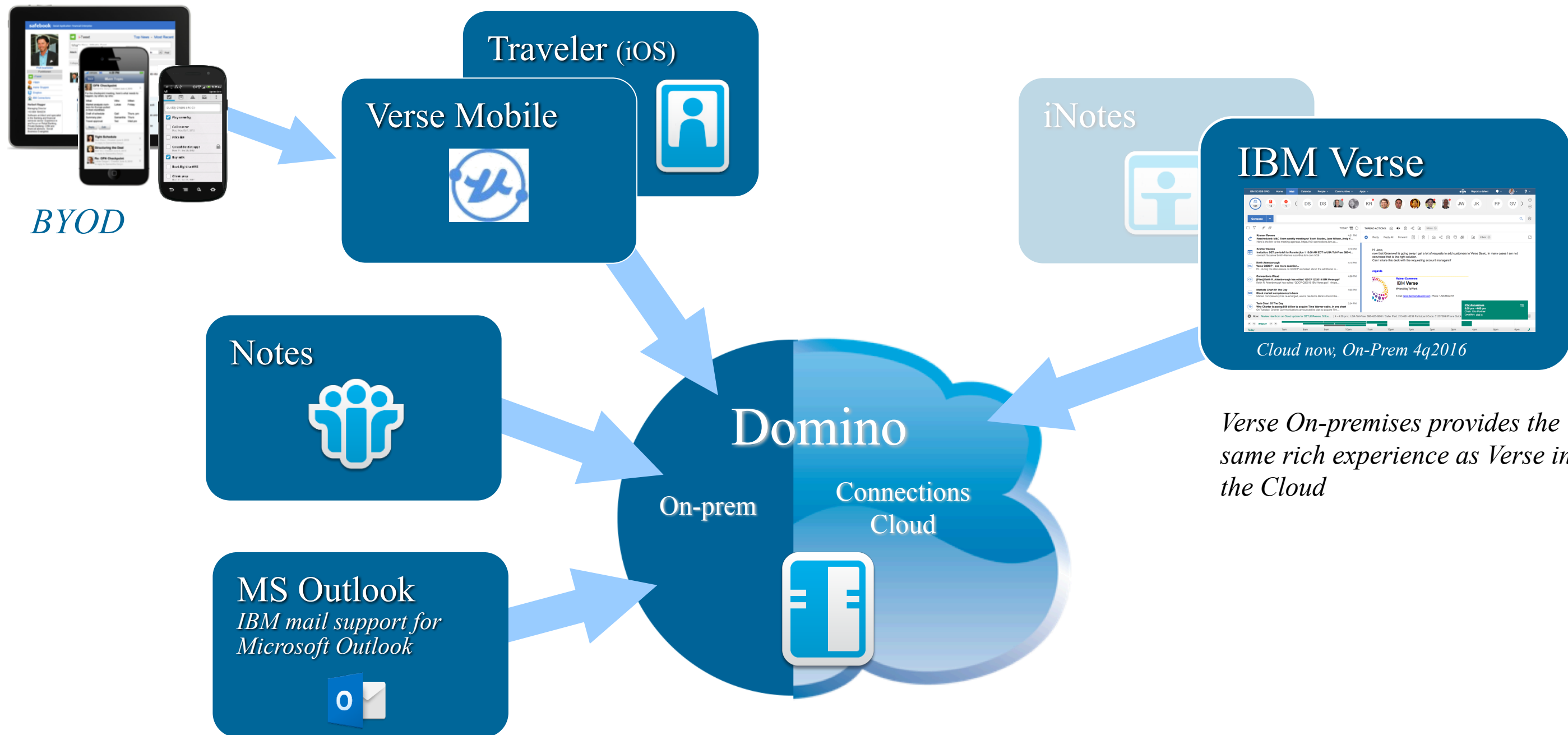


Launch a Watson Workspace Chat from IBM Verse



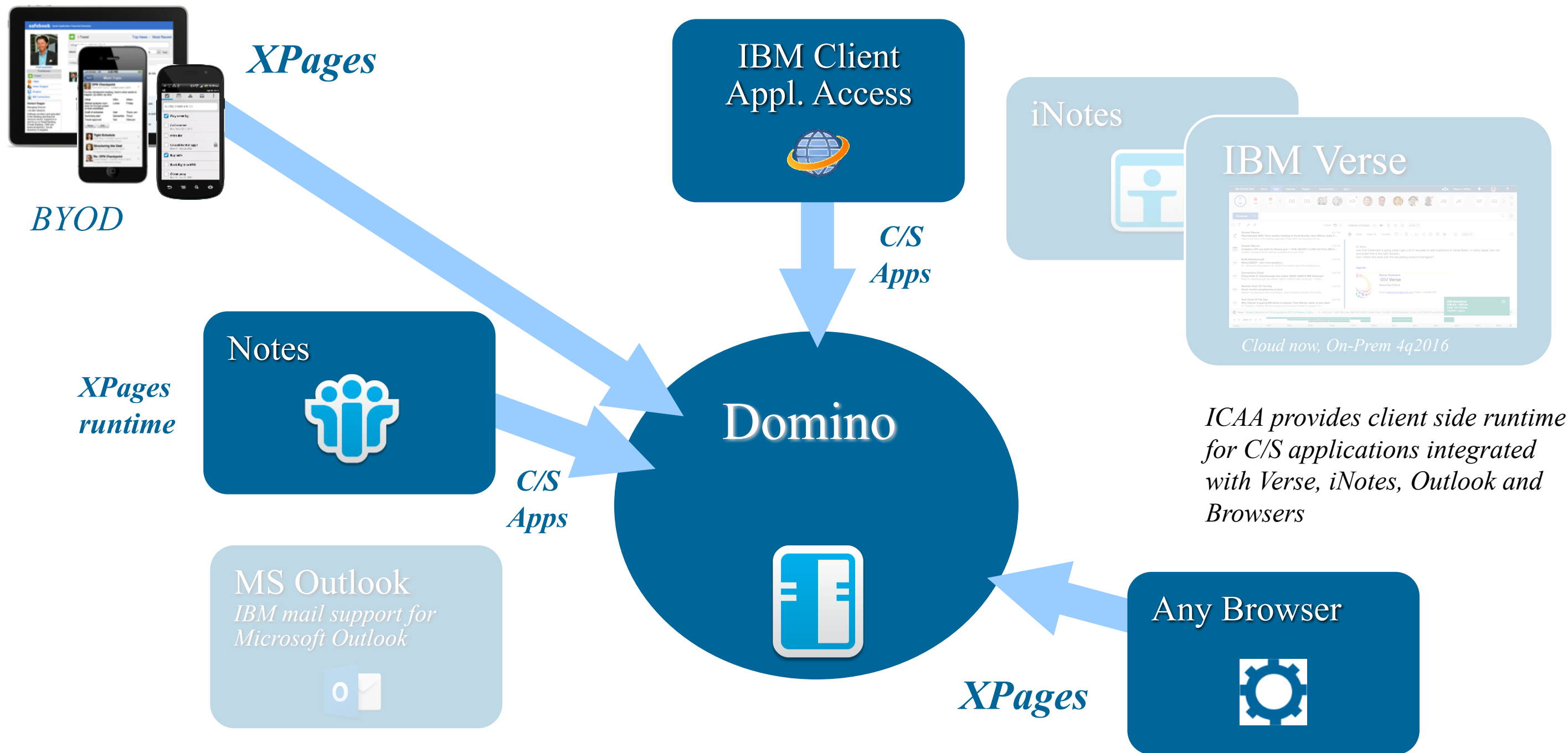
Copy an IBM Verse E-Mail to Watson Workspace

Choices for mail: “Bring Your Own Client”



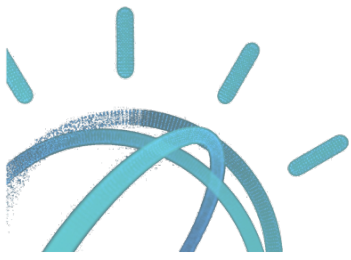
Verse On-premises provides the same rich experience as Verse in the Cloud

Choices for Apps User Experience

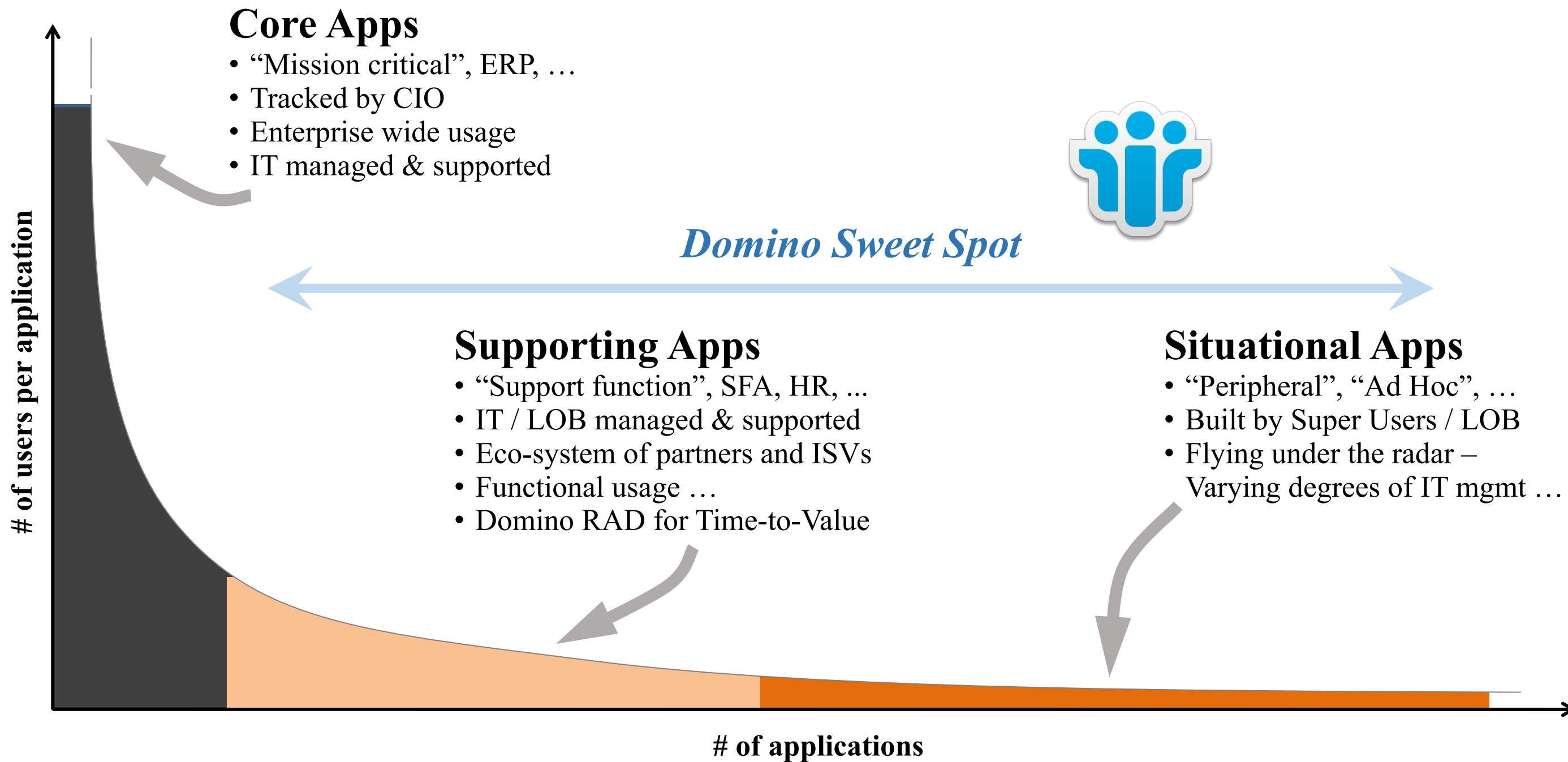




Agile Enterprise Applications – Key role of Domino Apps




Agile Enterprise Apps: The Long Tail ...





Domino Application Strategy going forward ...

1. Enable modern app.dev tools, wider adoption & integration with stronger Domino platform

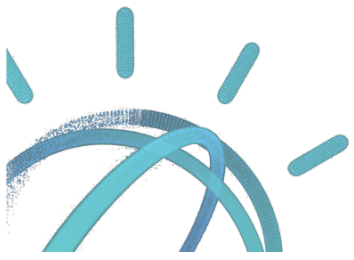
- On-going upgrade of platform component currency
- IBM is investing in new REST APIs and enhancing current APIs to broaden the skill base
 - Mail, Calendar, Freebusy and Data will be extended to better meet developer needs
 - Add APIs for Directory, Contacts, Mail Search, Subscription and Management
- Using SmartNSF  to expose appl embedded business logic to web & mobile via REST APIs
- IBM intends to make REST APIs usable from modern tools (ex. Swagger)
 - REST APIs that are easy to consume by developers!
 - Publish OpenAPI specs of all REST APIs via Github
 - Videos and sample code to help you get started!

REST services in IBM Domino



Service	Description	Ships with Domino	Available on OpenNTF
Mail service	Manage email content		X
Calendar service	Manage calendar content & send calendar workflow	X	X
Freebusy service	View user availability, find available rooms		X
Data service	Manage views, document data, etc	X	X

- Existing REST services will be extended.
- IBM intends to develop additional REST services:
 - Directory service: Browse or search directory
 - Contacts service: Manage personal contacts in your mailfile
 - Mail Search service: Search your mailfile
 - Subscription service: Poll for changes or register for push (long poll) in an application
 - Management service: Register users and manage groups



Define all REST services via OpenAPI Specification



busytime : Get busy time

GET /api/freebusy/busytime

freeroms : Get a list of available rooms

GET /api/freebusy/freeroms

Implementation Notes

Gets a list of available rooms for a given time.

Response Class (Status 200)

Successful response

Model Example Value

```
{
  "rooms": [
    {
      "displayName": "string",
      "distinguishedName": "string",
      "email": "string",
      "capacity": 0
    }
  ]
}
```

Response Content Type

Parameters

Parameter	Value	Description
site	<input type="text" value="(required)"/>	The site to search. If the site includes spaces or other special characters, it must be URL encoded.
start	<input type="text" value="(required)"/>	The start date for the free rooms search.
end	<input type="text" value="(required)"/>	The end date for the free rooms search.

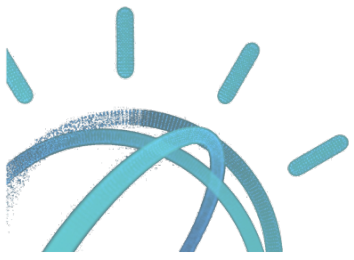
- IBM intends to publish YAML definitions according to the OpenAPI specification for all REST services
- Allows for easier integration with 3rd party tools
- Freebusy service definition already available

Show/Hide | List Operations | Expand Oper

File Preferences Generate Server

```
1 #
2 # (c) Copyright IBM Corp. 2017
3 #
4 # Licensed under the Apache License, V
5 # you may not use this file except in
6 # You may obtain a copy of the License
7 #
8 # http://www.apache.org/licenses/LICEN
9 #
10 # Unless required by applicable BW or
11 # is dis
12 # the spe
13 # under th
14
15 # Document metadata
16
17 info:
18   title: IBM Domino Freebusy API
19   version: "9.0.1"
20   description: |
21     The freebusy API is used to:
22     - Get busy time for a given person
23     - Get a list of available rooms for
24     - Get a list of sites in a director
25
26 # Tags
27 tags:
28   - name: busytime
29     description: Get busy time
30   - name: freeroms
31     description: Get a list of available
32   - name: sites
33     description: Get a list of sites
34
35 # Paths
36 paths:
37   # Busy time resource
38   /api/freebusy/busytime:
39     # This is a HTTP operation
40     get:
41       tags:
42         - "busytime"
43       # Describe this verb here. Note: you can use markdown
44       description: |
45         Gets busy time for a given person or room.
```

```
info:
  title: IBM Domino Freebusy API
  version: "9.0.1"
  description: |
    The freebusy API is used to:
    - Get busy time for a given person or room.
    - Get a list of available rooms for a given time.
    - Get a list of sites in a directory.
  # Tags
  tags:
    - name: busytime
      description: Get busy time
    - name: freeroms
      description: Get a list of available rooms
    - name: sites
      description: Get a list of sites
  # Paths
  paths:
    # Busy time resource
    /api/freebusy/busytime:
      # This is a HTTP operation
      get:
        tags:
          - "busytime"
        # Describe this verb here. Note: you can use markdown
        description: |
          Gets busy time for a given person or room.
        # This is array of GET operation parameters:
        parameters:
          # An example parameter that is in query and is required
          -
            name: name
            in: query
            description: Name or email address of the person (or room).
            required: true
            type: string
          -
            name: format
```



SmartNSF



“Turn your Notes / Domino Application into a microservice and expose embedded business logic via REST API within minutes.”

- Integrated in Domino Designer, easy to configure and easy to use
- Developer defines a microservice for the application with domain-specific language
- Available on OpenNTF
(will be integrated in ExtLibX, also candidate for FP9)
- <https://www.openntf.org/main.nsf/project.xsp?r=project/SmartNSF>



What's next?

- Auto-generate Swagger definitions for your application's APIs
- Dialog based generation of REST APIs for your applications



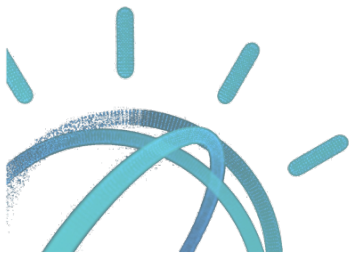
Compliments of Christian Güdemann

```
//XREST Router
def calcGroups = {
  def groups = ["c1","c10","c100","c1000"]
  return groups
}

router.GET('customers/{id}') {
  strategy(SELECT_DOCUMENT_FROM_VIEW_BY_KEY) {
    keyVariableName("{id}")
    viewName("customerById")
  }
  accessPermission "SalesManager", "[CustomerService]"
  mapJson "company", json:'company', type:'STRING'
  mapJson "fdFirstName", json:'firstname', type:'STRING'
  events VALIDATE: {
    context -> return true
  }
}

router.GET('customers/{id}/contract/{attachmentName}') {
  strategy(SELECT_ATTACHMENT) {
    documentStrategy(SELECT_DOCUMENT_FROM_VIEW_BY_KEY) {
      keyVariableName("{id}")
      viewName("customerById")
    }
    fieldName "Body"
    selectionType BY_NAME //Could be BY_NAME, FIRST
    attachmentNameVariableName "{attachmentName}"
  }
}


router.POST('customers/{id}/contract') {
  strategy(SELECT_ATTACHMENT) {
    documentStrategy(SELECT_DOCUMENT_FROM_VIEW_BY_KEY) {
      keyVariableName("{id}")
      viewName("customerById")
    }
    fieldName "Body"
```









Domino Application Strategy – Leave no one behind

1. Enable modern app.dev tools, wider adoption & integration with stronger Domino platform

- On-going upgrade of platform component currency
- IBM is investing in new REST APIs and enhancing current APIs to broaden the skill base
 - Mail, Calendar, Freebusy and Data will be extended to better meet developer needs
 - Add APIs for Directory, Contacts, Mail Search, Subscription and Management
- Using SmartNSF  to expose appl embedded business logic to web & mobile via REST APIs
- IBM intends to make REST APIs usable from modern tools (ex. Swagger)
 - REST APIs that are easy to consume by developers!
 - Publish OpenAPI specs of all REST APIs via Github
 - Videos and sample code to help you get started!

2. Protect the value of critical business apps written in Domino by:

- Understanding the environment utilizing  ApplicationInsights for all current Domino customers
- Modifying / Extending applications by providing customers starting points
 - With Premier Partners, such as   
 - Using the expanded Domino REST Services and the new Open API specification

Various options to navigate database Inventory, Usage and Design

Total number of database instances (mail, system, nab, mail-in & apps)

Focus databases are all mail-in and application instances

Total number of unique designs for focus dbs

100% if all Focus Dbs covered through value packages

Total number of person documents in Notes Name and Address book/Directory Assistance



OVERVIEW

Status Dashboard

Environment Overview

CATALOG

Inventory History

Capacity Summary

Application List

USAGE

Web vs. Client Usage

Notes Client Usage

Web Browser Usage

User Access Methods

DESIGN

Complexity

Similarity

Insights



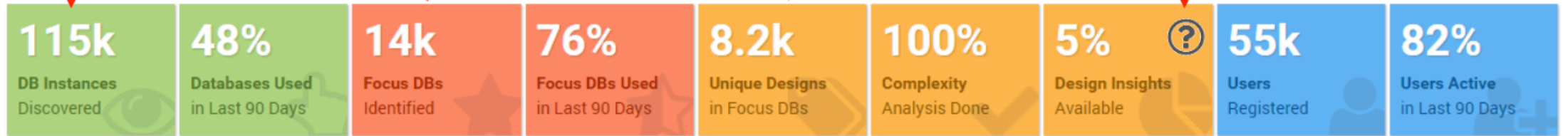
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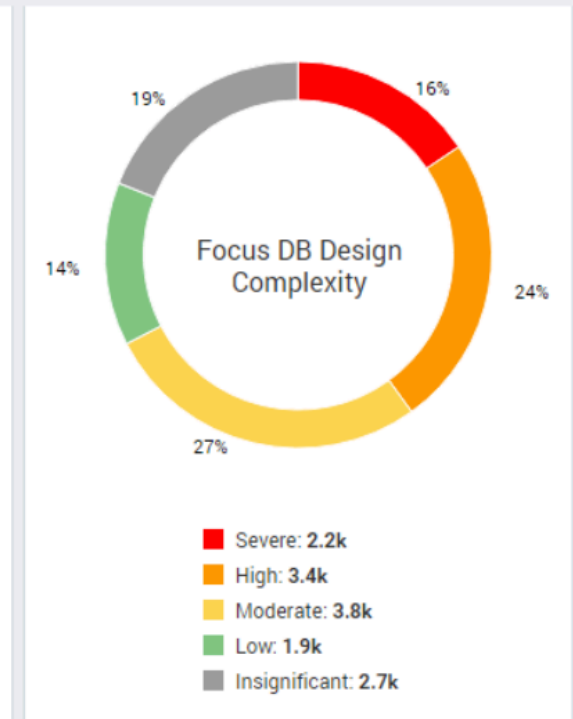
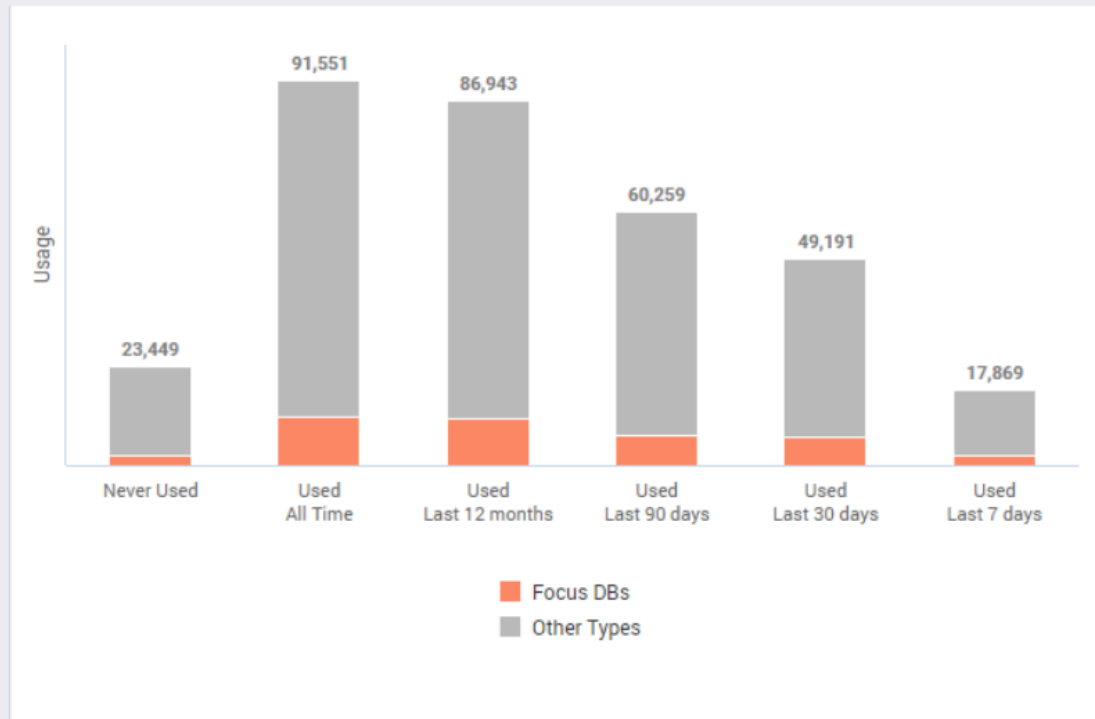
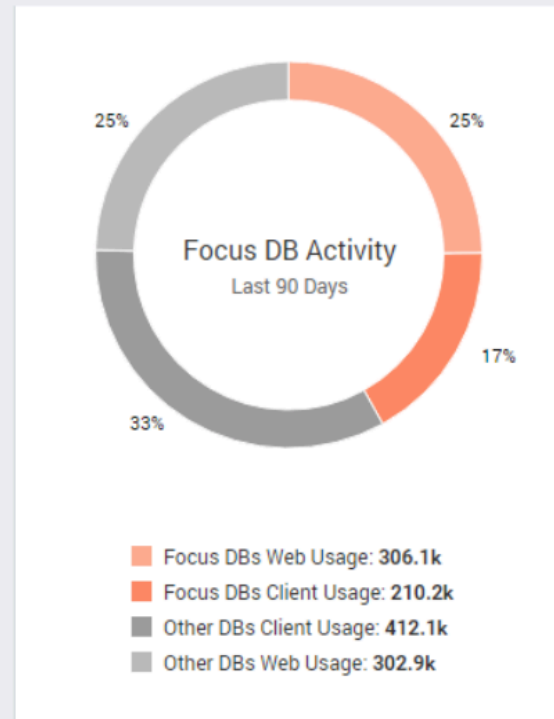
PROFESSIONAL

Overview / Status Dashboard

Status Dashboard



Upsell



Various options to navigate database Inventory, Usage

Total number of database instances (mail, system, pub)

Focus databases are all mail-in and

Total number of unique designs

100% if all Focus Dbs covered

Total number of person documents in Notes Name and Address book/Directory Assistance

Application Insights powered by

Transforms Domino application usage and design complexity metrics into actionable data to help build the path towards application modernization

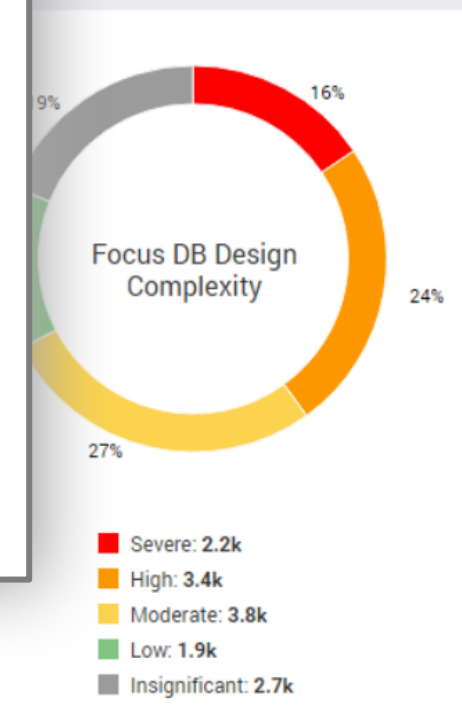
Determine which applications are **used** most in your organization

Determine which applications are the most **complex** in your organization

Analyze your most complex applications with **code analysis**

Intended to be available Q2 2017 it will be available for customers on S&S

- Shows the 50 most used and most complex application instances and does code analysis on a subset of those
- Full Insights available in packages of 500 instances



Various columns for investigating and sorting application landscape

Filtering of Focus databases

Different column sets

Complexity rating

OVERVIEW

- Status Dashboard
- Environment Overview

CATALOG


- Inventory History
- Capacity Summary
- Application List**

USAGE

- Web vs. Client Usage
- Notes Client Usage
- Web Browser Usage
- User Access Methods

DESIGN

- Complexity
- Similarity
- Insights



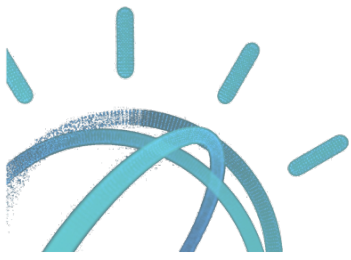
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PROFESSIONAL

Application List

Filter

Title	Replica ID	Application	Last Access	Users Active	Replicas	R Inactive	Docs Avg	Size Avg	Complexity
CRM Workflows	85257E4B:003E8ECF	Application	2016-07-19	1441	12	2	8982	168MB	Severe
Process Management	C12572F2:00504865	Application	2016-11-29	1328	3	0	3098	746.3MB	Severe
Idea Exchange	4125793D:0042F261	Application	2016-06-20	1631	25	8	14132	1.1GB	Severe
Weather Predictions	85257A5B:004D5453	Application	2016-07-19	2836	7	3	921	622MB	Severe
Abi PL	8525805F:002C2966	Application	2016-11-04	24	13	0	181	129.5MB	Severe
General Discussion	C12572DA:00772C94	Application	2016-08-31	1815	6	0	6103	421MB	Severe
BuVge	C1257458:00421A38	Application	2015-06-24	2139	1	0	23540	2.4GB	Severe
Procurement Web Portal	07257909:00702B64	Application	2016-11-27	337	8	2	4843	3.8GB	Severe
Support Portal Workflow	07257909:006F8C9B	Application	2016-11-27	19	8	3	2934	64.2MB	Severe
Expert Directory	0425790B:0052119A	Application	2016-11-27	439	9	4	890	993.3MB	Severe
N2W Central (4.50)	80257998:0001328B	Application	2016-08-31	823	18	6	1039	8.3GB	Severe
Conference Journal 2012 V1	85257926:00567C05	Application	2016-11-27	2350	7	5	3381	711.5MB	High
Delivery Session Tracking	C125734A:002E1639	Application	2016-11-29	932	26	1	9830	4.2GB	High
Amber Mate Java	C125732F:004DF452	Application	2016-11-29	5	1	0	2	164.1MB	High

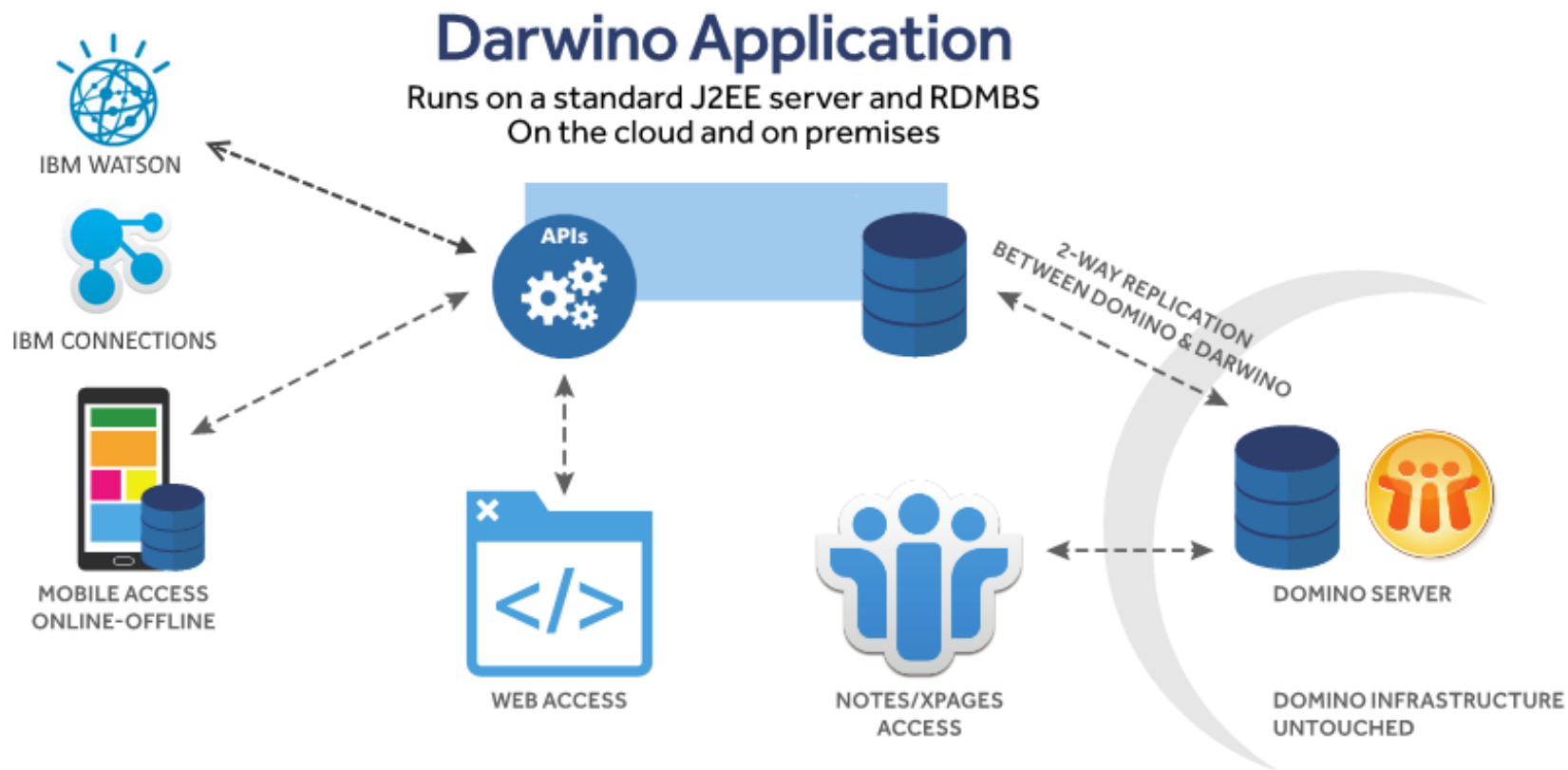
Modernizing Notes / Domino Applications



DARWINO Build mobile/web UI ...

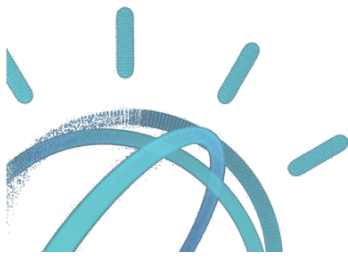


Build **mobile/web UI** with **offline** replication for Domino applications with **modern development tools** of **your choice**.



- Darwino DB is a NoSQL JSON store that runs on any RDBMS system and mobile devices with the same API, supports multipoint replication for offline use.
- Two-way replication with Domino maintaining security model and document centric functionality.

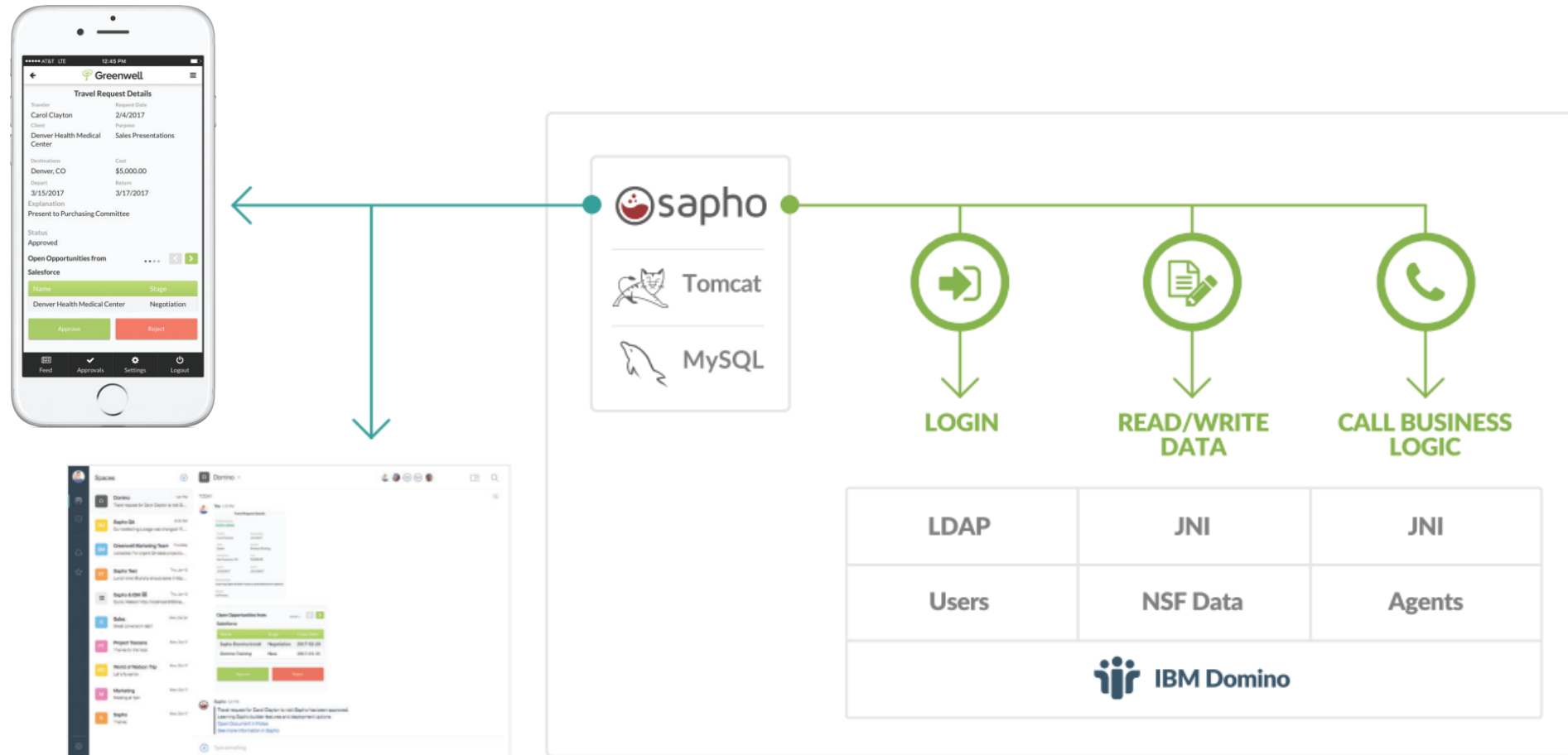
- Darwino Studio – The primary development environment for the Darwino platform, plugs into standard Enterprise Java tooling like Eclipse and Maven.
- Darwino API – The Darwino Platform exposes its full API via libraries in Java, Javascript and also REST services.



sapho Create micro apps ...

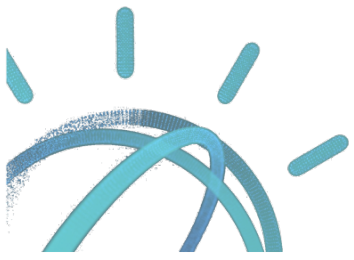


Create **micro apps** with Sapho builder that **notify key users** and **interface** to **key Domino data** on web/mobile devices.



- Create simple, single purpose micro apps and workflows
- Build daily dashboard with proactive alerts from multiple Domino apps
- Integrate other data sources into Domino workflows and applications

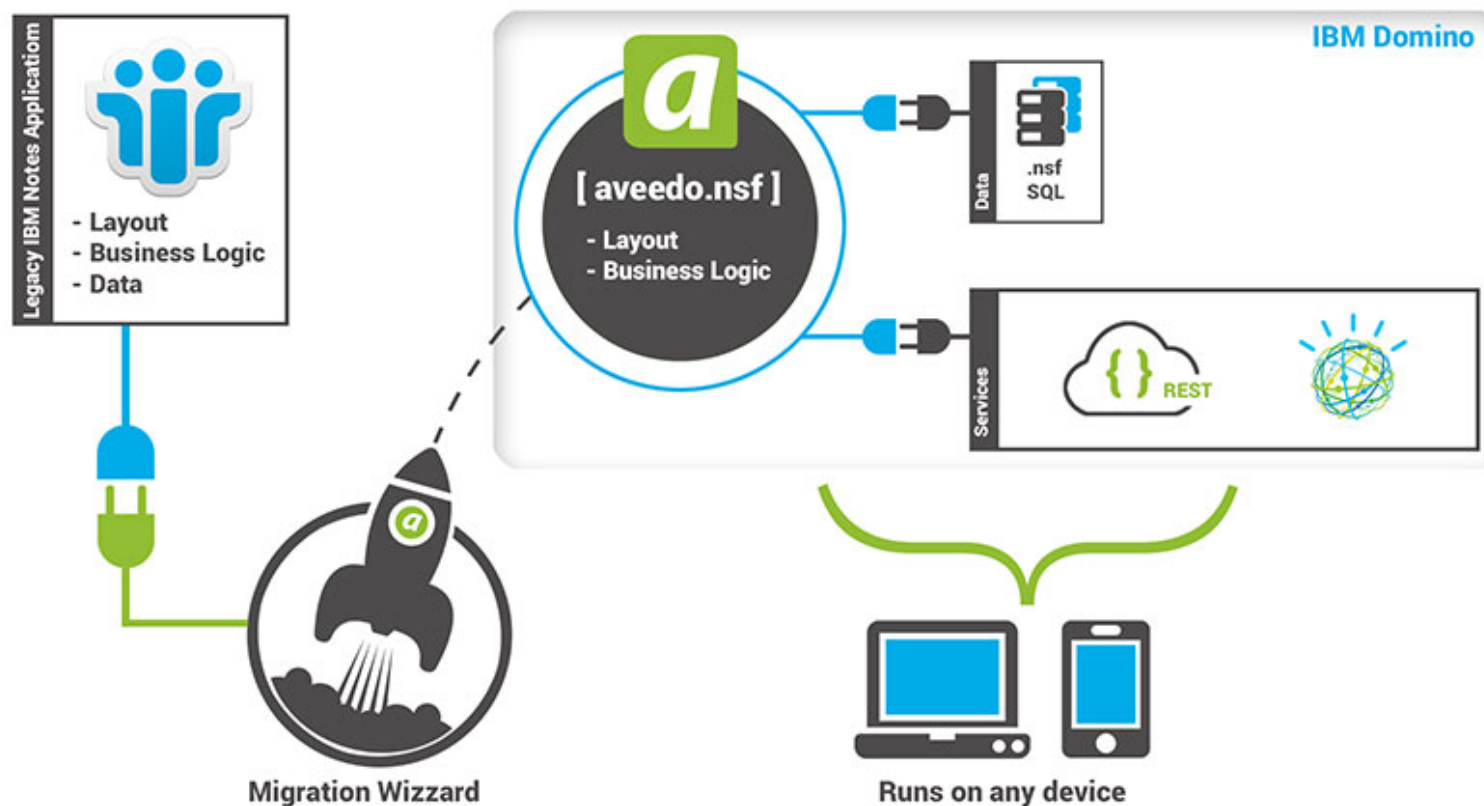
- Configure events out of Domino based on specific trigger alerts from 3rd party systems
- Targeted search and view pre-defined information in Domino DBs



veedo Convert and extend for mobile/web ...



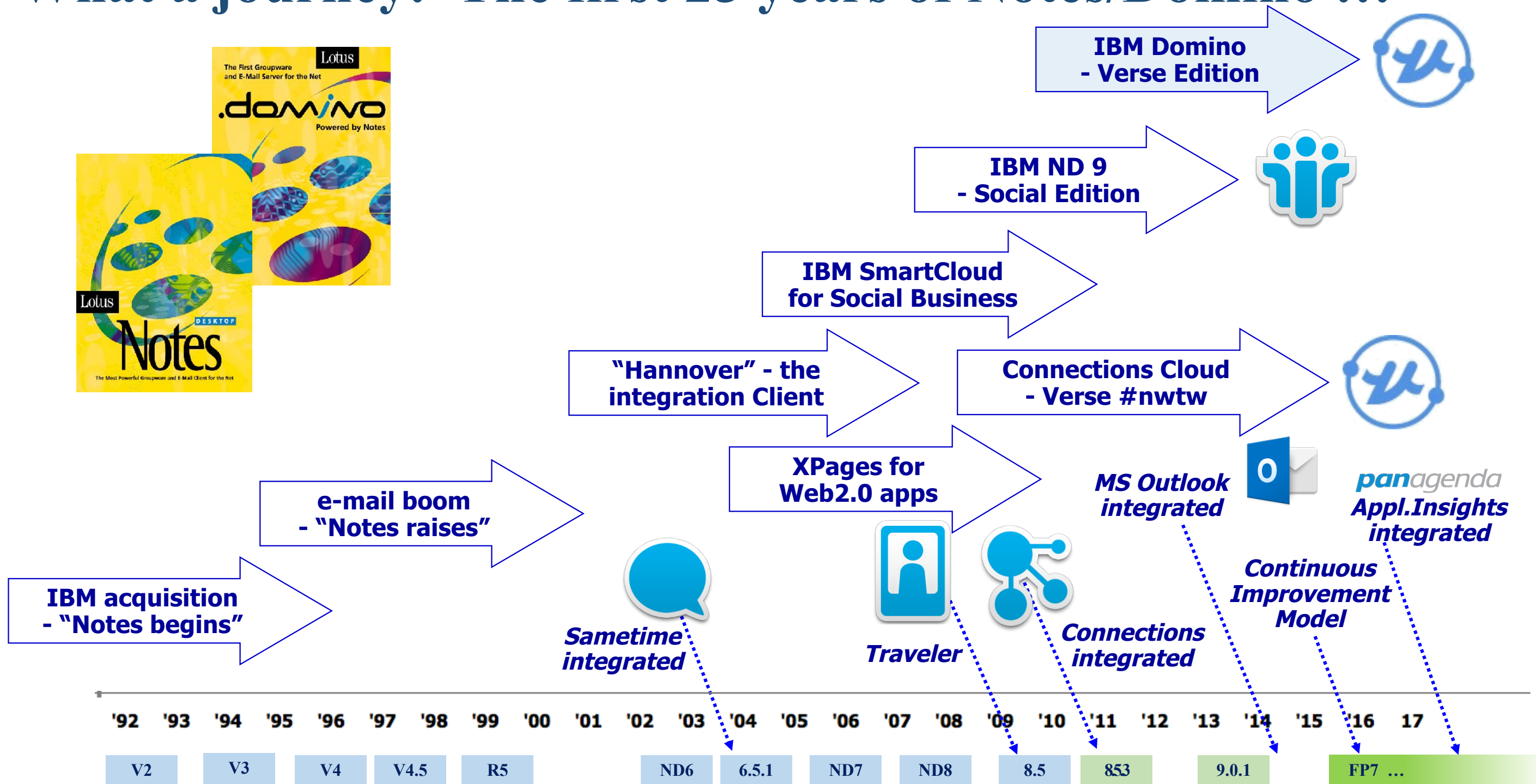
Convert and extend your Domino apps for web & mobile access with Aveedo Designer running **on your Domino server**.



- Framework for easy creation of XPages Applications, no deep programming knowledge required
- Migration Wizard to modernize Notes applications
- Access via browser (responsive design) or native App with offline mode
- Integrated Process / Workflow Modeler

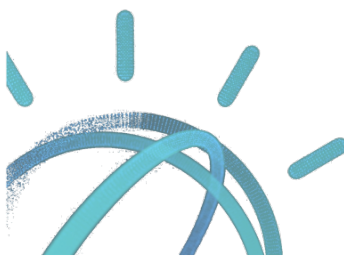
- Flexible API and REST services
- Pre-built apps and components like Agile Boards, Charting, and Office Integration included
- <http://en.aveedo.com>

What a journey: The first 25 years of Notes/Domino ...



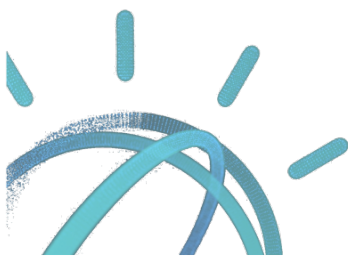


Time for Q&A

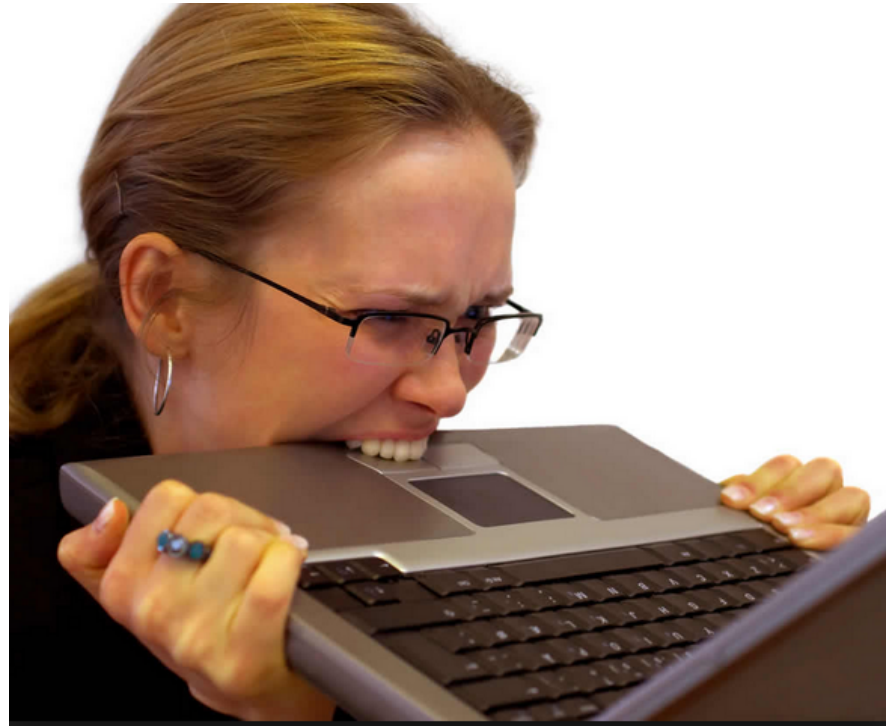




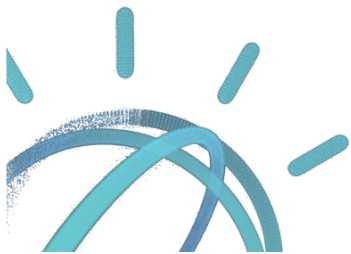
Back-Up



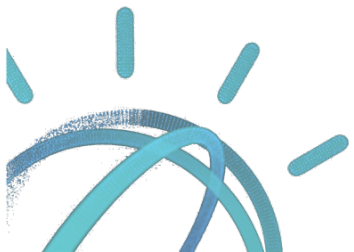
How many of you can **relate** to these pictures ?



overwhelmed with information and
choices and little help to prioritize ...



Interrupted, Disconnected, Uninformed





COLLABORATION

CONTENT

COGNITIVE

out think

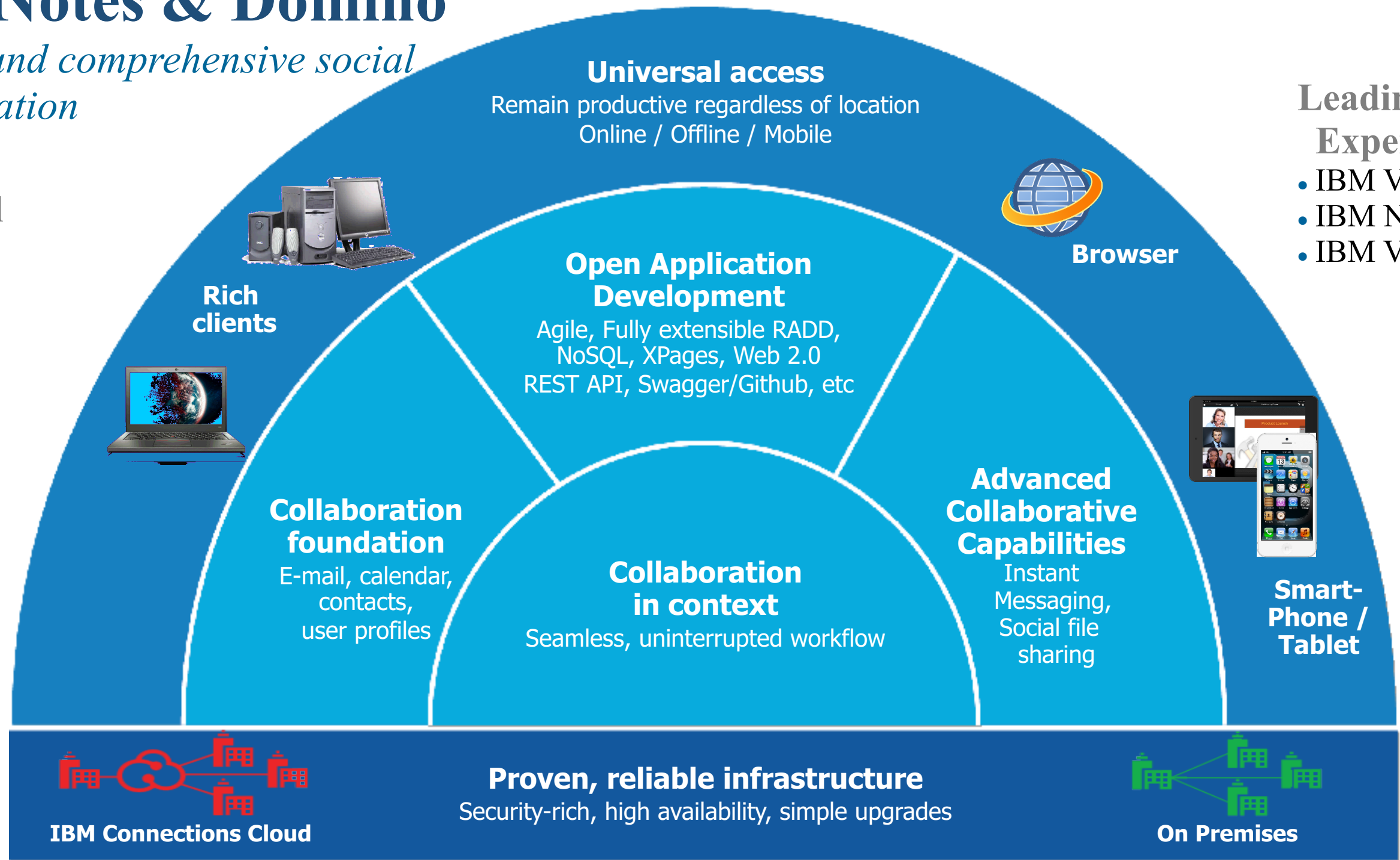
IBM Notes & Domino

flexible and comprehensive social collaboration



Traditional Clients

- IBM Notes
- IBM iNotes
- IBM Client Application Access
- MS Outlook



Leading User Experience

- IBM Verse
- IBM Notes Traveler
- IBM Verse Mobile

The servers: Domino Messaging, Enterprise, Utility, Express