



SYNACTIVE

SAP ERP on Android, iOS, and HTML5 Browsers

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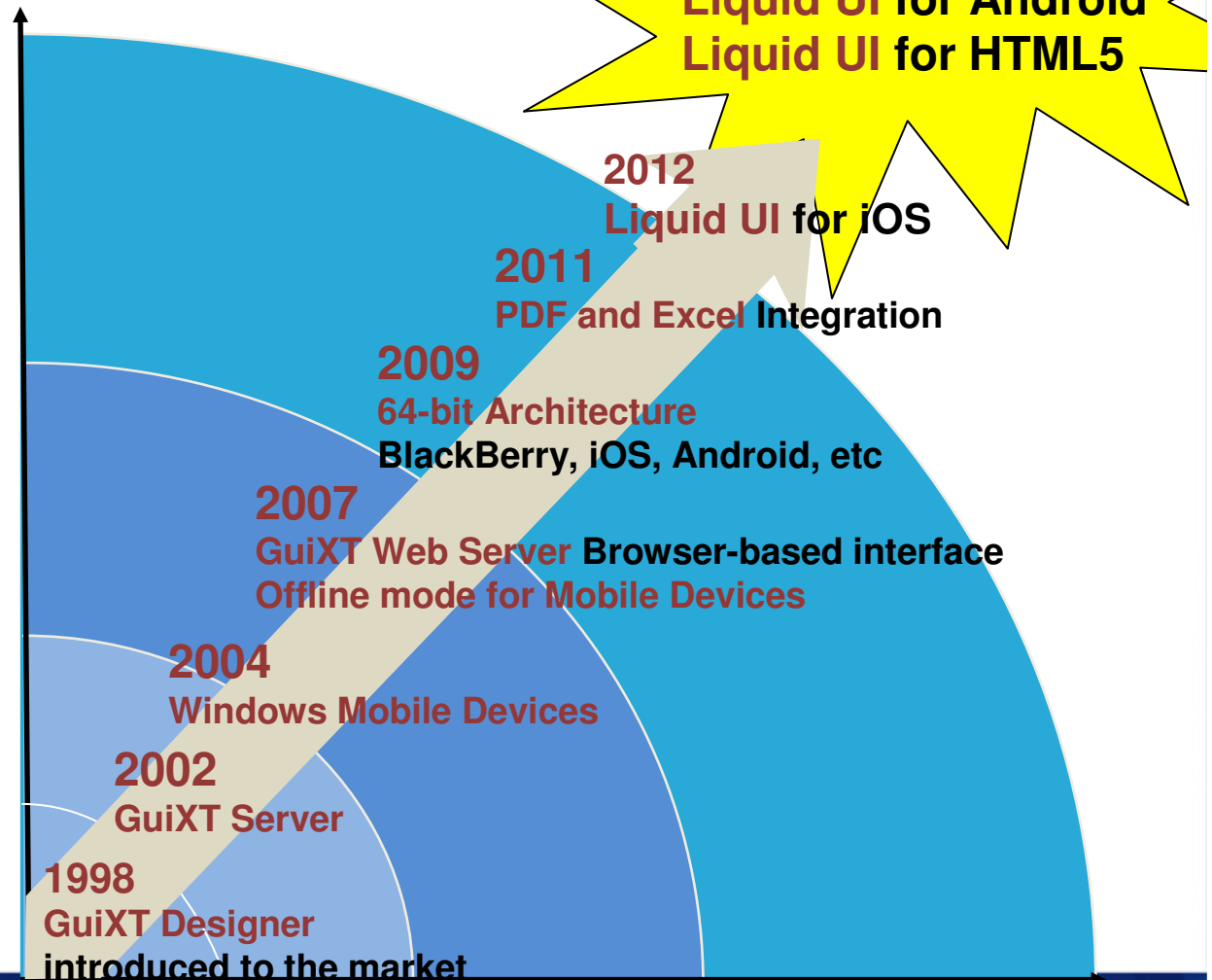


Agenda

- Who We Are
- Enterprise Mobility Challenges
- 10 Things to Consider When Evaluating Mobile Solutions
- Liquid UI Platform Overview
- Demo
 - Mobile PR Approval
 - Mobile Travel Expense Approval

Synactive @ a Glance

- Founded by former SAP employees and Bundled with SAP since 1998
- Solution extended and improved for Desktop and Mobile Devices
- Certified integration with SAP NetWeaver
- Extended for Excel and PDF integration
- 1000+ Customers / Thousands of Users
- Used by SAP Engineers to demonstrate SAP functionality



How Long Does It Take to Build an iOS or Android App?



According to the research from a European service provider and developer of over 500 mobile apps over the past 2 years, the average time is 18 weeks from start to finish of version 1 of an app.

How Long Does It Take to Build an iOS or Android App?

How Long Does it Take to Build an iOS or Android App?

Based on a survey of 100 iOS, Android and HTML5 developers, it takes nearly 18 weeks to build v1 of a native app.



SERVER-SIDE LOGIC

How a developer truly customizes the user's experience.



USER MANAGEMENT

Creating user accounts, managing authentication, security and access control.



Start Here

DATA STORAGE

The building block of any native app's backend.



CACHING

Storing data locally to speed load time.

SYNCHRONIZATION

Enable off-line usage and resolve data conflicts.



WIREFRAMING

Blueprint for user interface and experience.



DATA INTEGRATION

Allowing users to access information from and publish data to third party sources, including social networks.



PUSH

Maintaining engagement with users continuously.



VERSIONING

Make version 2 live ... without breaking version 1.



UI POLISH

The differentiating "last mile" of the user interface, where an app truly stands out from the crowd.



UI DEVELOPMENT

Translating mock-ups into functioning user interface code.



UI DESIGN

Pixel perfect mock-ups of user interface.



It Also Takes 18 Weeks to:

In the 18 weeks it takes to develop and publish a native app, one could:



Primary sources:
 AYTm survey of 100 iOS, Android and HTML 5 developers
 Other sources:
<http://www.universetoday.com/13562/how-long-does-it-take-to-get-to-the-moon/>
<http://www.aireporter.com/2012/01/how-long-does-it-take-to-build-a-boeing-777/>
<http://www.coastalvalleyenergy.com/PA-Gs.htm>
<http://www.pbs.org/wgbh/nova/scientist/who-built-the-pyramids.html>

Designed by [visual.ly](#)

■ - 1 DAY OF TIME SPENT
 C - CORE REQUIREMENT
 U - USER FACING
 E - ENGAGEMENT DRIVER
 R - REVENUE OPPORTUNITY

THIS MESSAGE WAS BROUGHT TO YOU BY kinvey
 Credits: Joe Chernov, Dave Wasmer of Kinvey. Survey data: AYTm

Evaluating Mobile Offerings

There are several questions to think about when you are trying to evaluate Mobile offerings.

1. Are you concerned about development costs?
2. How customizable is the solution?
3. How many tools do you need?
 - Neptune? jQueryMobile? Eclipse? SAPUI5? Phonegap? Odata? Cordova? Appcelerator?



Evaluating Mobile Offerings

4. Do you have mobile users that also use the SAP GUI on a desktop client?
- Are you concerned about having to re-train workers for different touchpoints?
 - What additional tools or products do you need to develop desktop client interfaces (SAP GUI or PDF/Excel)?
 - Webdynpro? Java? ABAP? Adobe? Winshuttle?



Tablets and Phones

VS



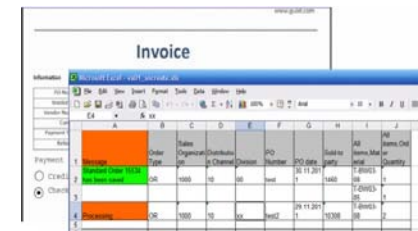
Barcode/RFID Scanners

VS



Browsers and Portals

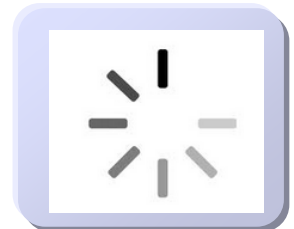
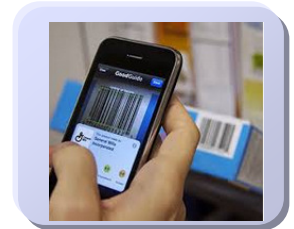
VS



PDF/Excel Front-Ends

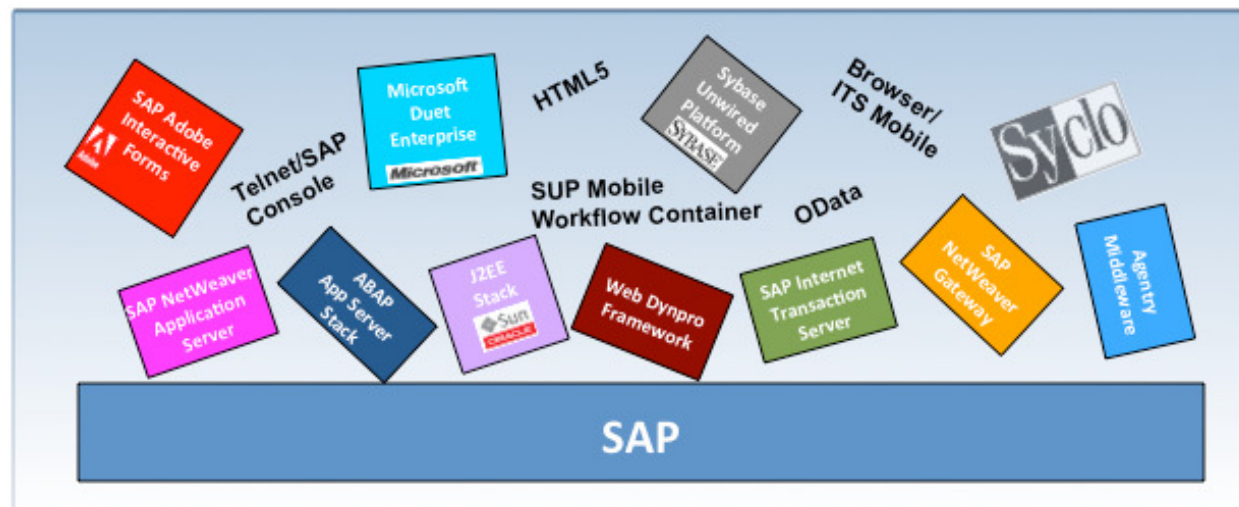
Evaluating Mobile Offerings

5. What level of security do you need?
 - Encryption? Remote wipe a device cache?
6. Do you want to use native phone features such as your camera for barcode scanning or attaching pictures?
7. Do you want to to receive notifications via email to do approvals while out in the field?
8. Will your mobile users be annoyed spending hours looking at a whirling circle on the screen while trying to connect to SAP through a web app?



Evaluating Mobile Offerings

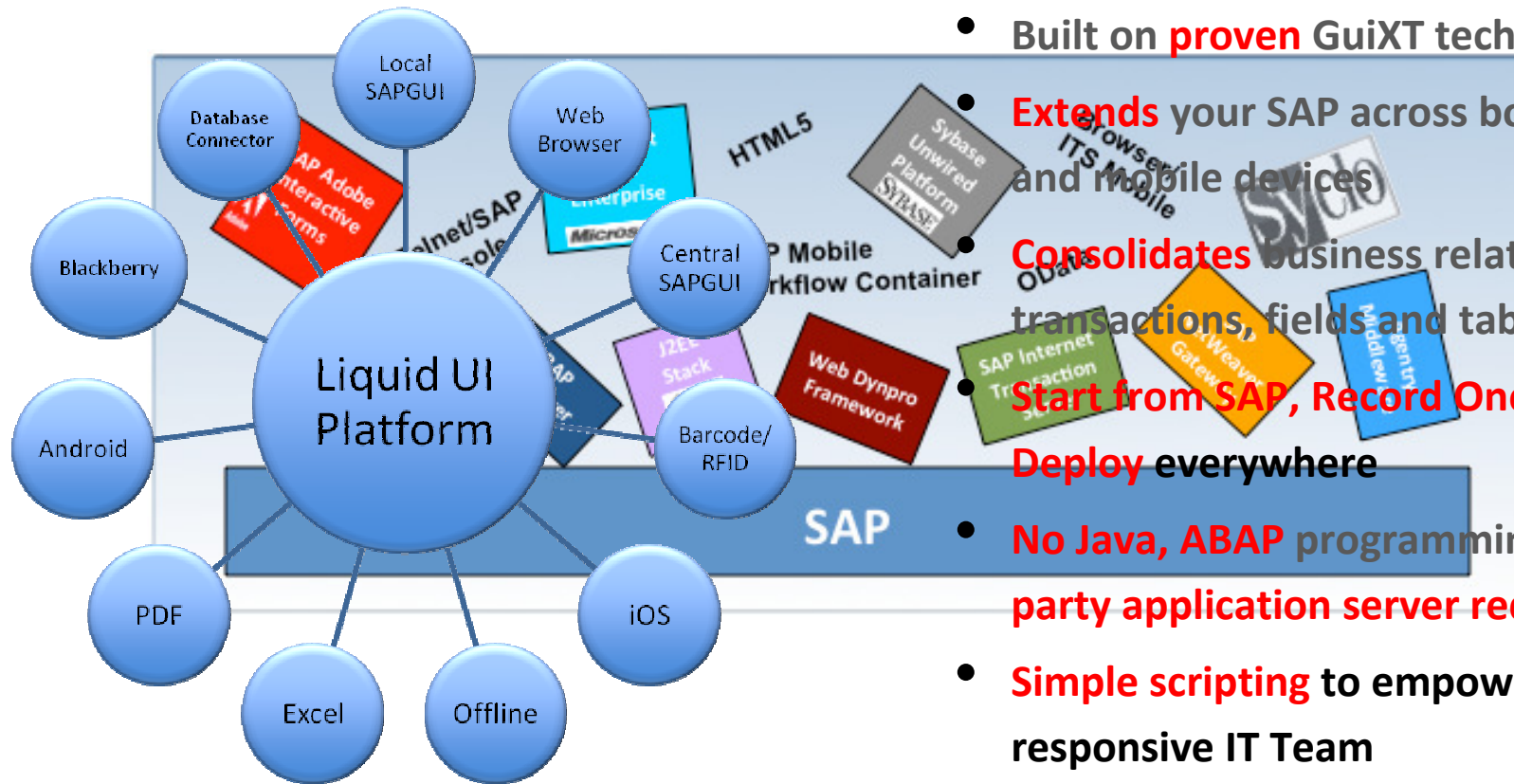
9. Are you confused with all the technologies out there?



10. Are you concerned with technologies that are made available, then abandoned?

Liquid UI Platform

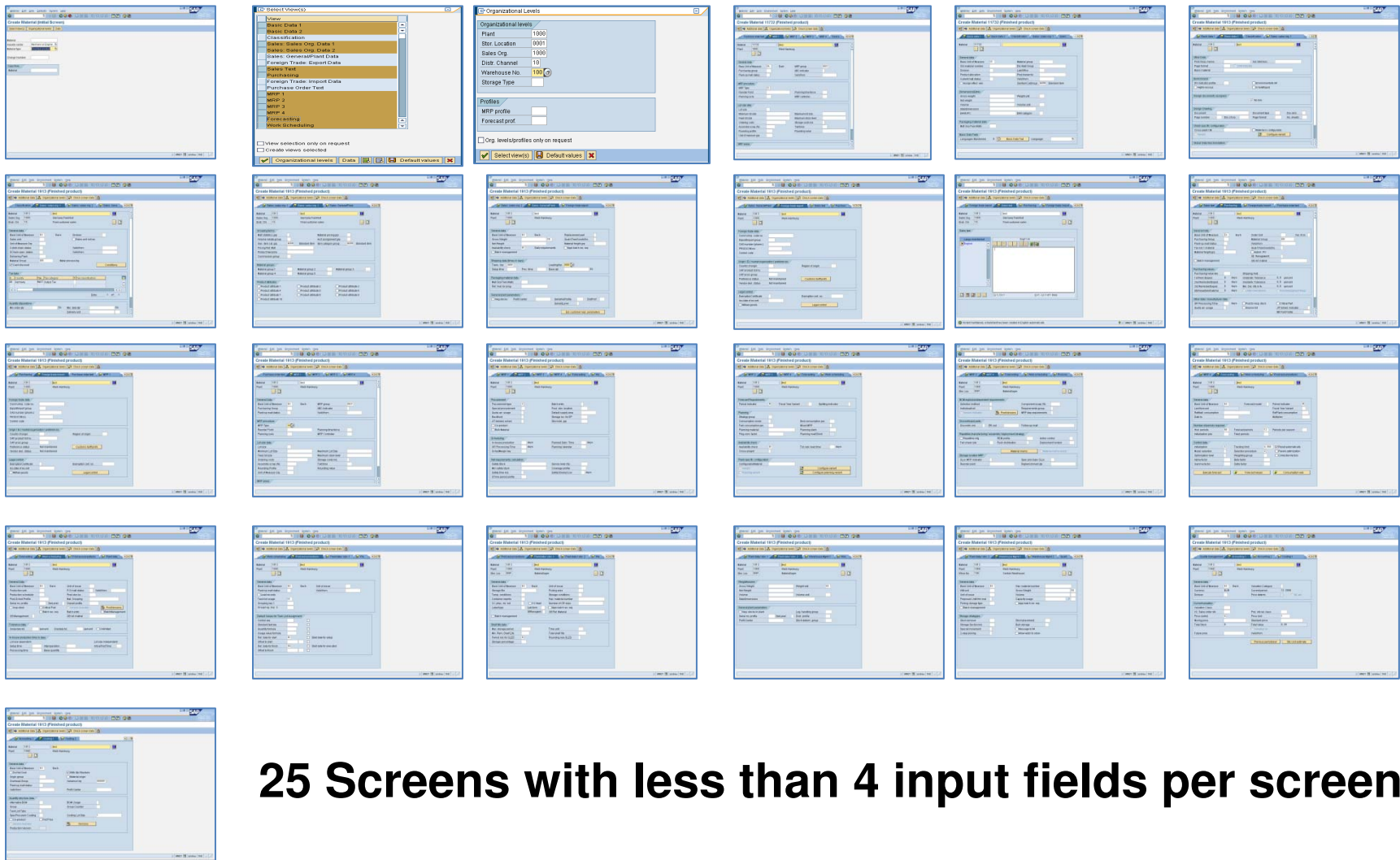
Connects directly to SAP through patented connectivity



- Built on **proven** GuiXT technology
- **Extends** your SAP across both desktop and mobile devices
- **Consolidates** business related transactions, fields and tabs
- **Start from SAP, Record Once and Deploy everywhere**
- **No Java, ABAP** programming; **No 3rd party application server required**
- **Simple scripting** to empower a responsive IT Team

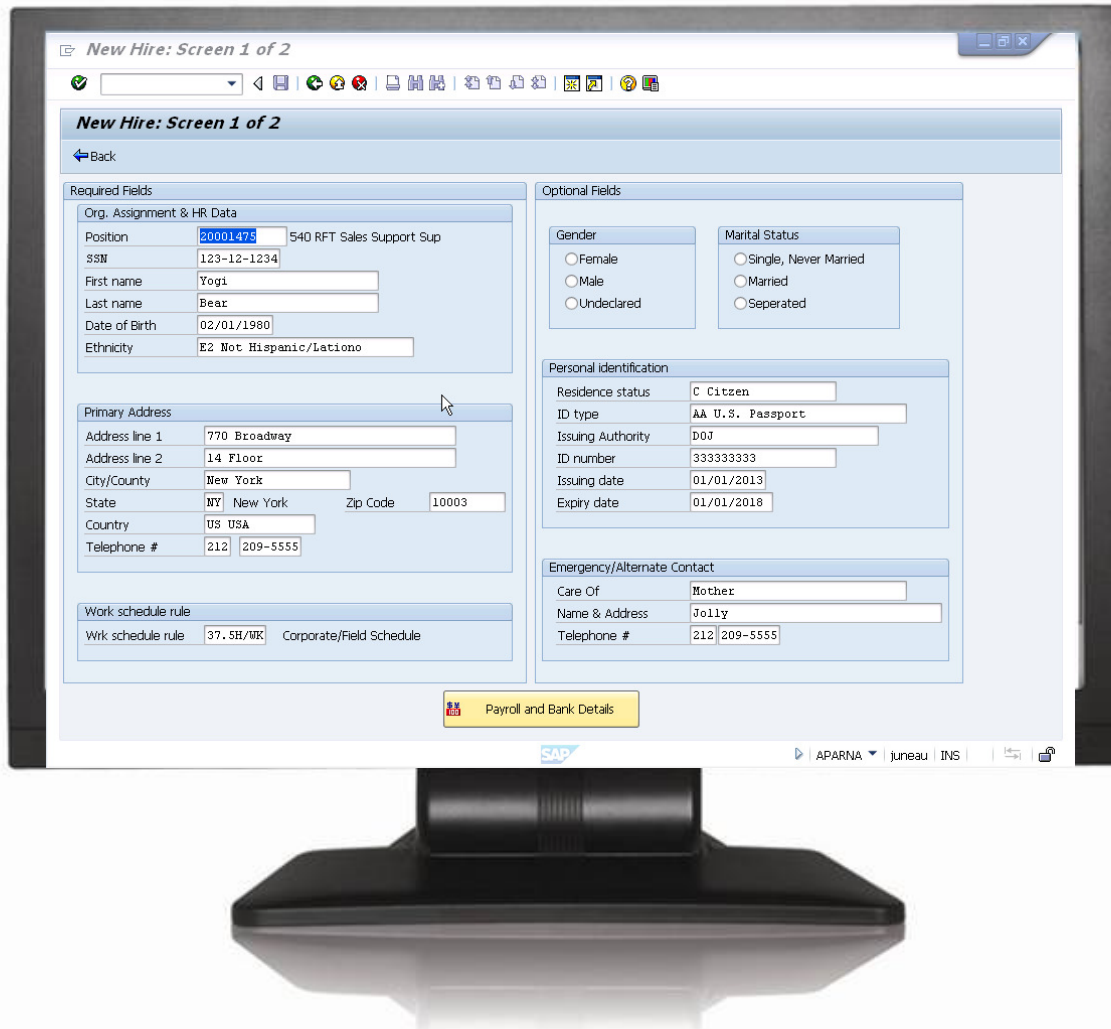
Unified, Non-disruptive Business Solution
Lean, Agile Development

What if you could go from this



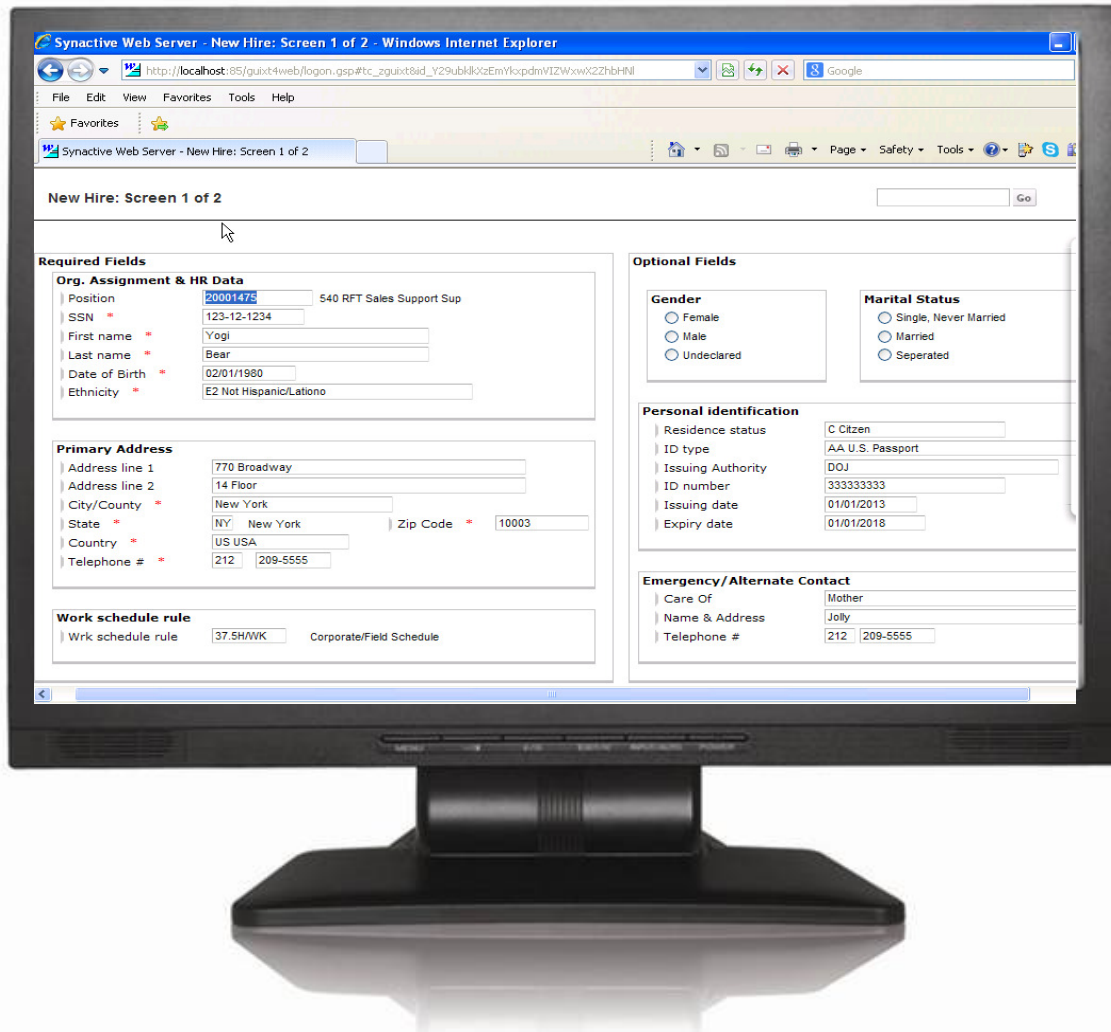
25 Screens with less than 4 input fields per screen

To this..... One Screen with all fields plus



- Intuitive Screen Layout
- One button click to access various lookups
- Data to be entered to screens that are not showing
- Pushbuttons and radio buttons for repetitive search criteria.

To this.....



IE or any
HTML5-
based
Browser

And deploy to this ...

Carrier 9:43 AM 100%

New Hire: Screen 1 of 2

Back

Required Fields

Org. Assignment & HR Data

Position: 20001475 540 RFT Sales Support Sup
S...: 123-12-1234
First name: Yogi
Last name: Bear
Date of Birth: 02/01/1980
Ethnicity: E2 Not Hispanic/Lationo

Primary Address

Address line 1: 770 Broadway
Address line 2: 14 Floor
City/County: New York
State: NY New York Zip Code: 10003
Country: US USA
Telephone #: 212 209-5555

Work schedule rule

Wrk schedule rule: 37.5H/WK Corporate/Field Schedule

Optional Fields

Gender

Female Male Undeclared

Marital Status

Single, Never Married Married Seperated

Personal identification

Residence status: C Citizen
ID type: AA U.S. Passport
Issuing Authority: DOJ
ID number: 33333333
Issuing date: 01/01/2013
Expiry date: 01/01/2018

Emergency/Alternate Contact

Care Of: Mother
Name & Address: Jolly
Telephone #: 212 209-5555

Payroll and Bank Details

GuiXT Liquid UI TRX juneau

One development effort, all touchpoints SAP @ Your Fingertips

GuiXT across SAP modules



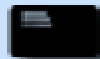
Plant Maintenance

Create Work Order was reduced from 8 minutes to 4 minutes. Improved workflow and reduced error rate by 50%. Reduced training from 2 hours to 30 minutes. Total Saving of \$90,000 per year.



Materials Management

This helped them in reducing the training time by 75%, standardizing the process, making the users 66% more efficient and also helped in minimizing the errors.



Procure To Pay

Ten to twelve actions reduced to a maximum of three actions; 75% time savings with improved accuracy.



Sales Order / Quotes

Create sales order reduce to 3 screens from 22 screens, which previously took 8 minutes to process vs. 3 minutes. Training time reduced by 65%.



Fleet Maintenance

Barcode scanners attached to Desktop for vehicle parts, streamlined the process increasing efficiency and improved truck deliveries by 60%. In addition, the warranty process saved \$1million per year.



Order To Cash

Improved overall customer service and satisfaction by more than 60%.



Warehouse Management

Physical inventory count process was reduce by 50%, errors reduced by 75%, employee productivity increased by 40%, easy to train employees and intuitive interface.



Service Management

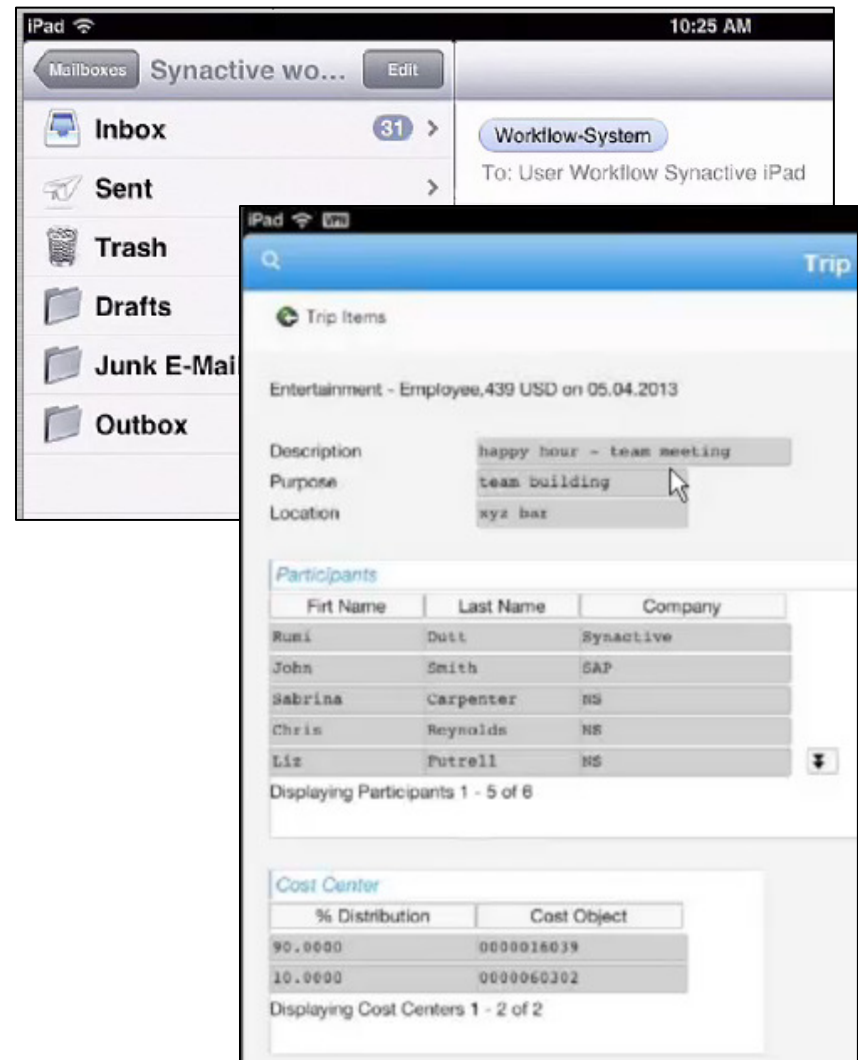
Change and Display transactions have the same benefits. Boost maintenance staff productivity by 100%, faster maintenance and fault repair system improves overall productivity. Over \$1million plus in annual savings.



Visit <http://www.guixt.com/impact/bi.php> for ROI

Demo - SAP Functions Mobilized

- **ME54N** - Purchase req approvals
- **PR05** – Travel Expense Manager
 - Managers on the road can approval travel expenses
 - View header mileage, reason for trip, etc. to perform approvals from Android, iOS smartphones or tables, or HTML5 browsers

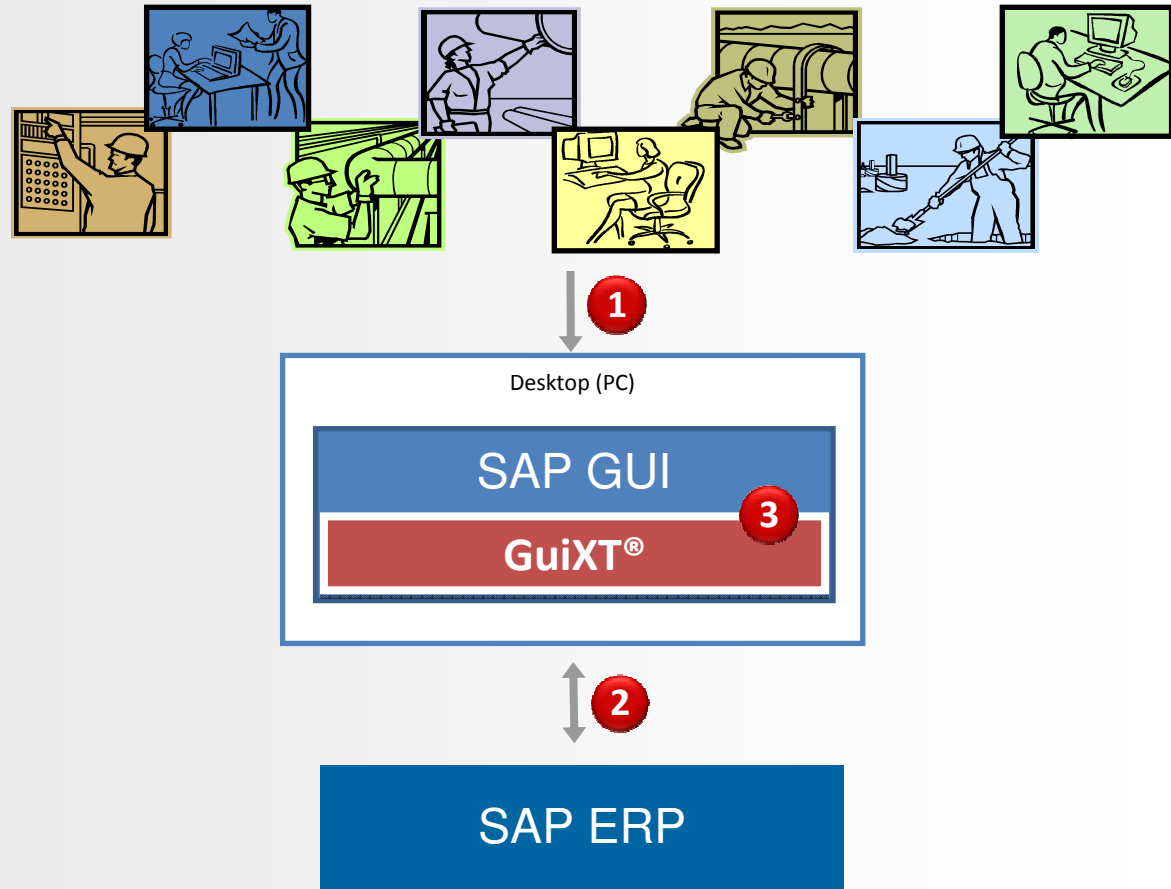


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How Does GuiXT Work?

- 1) User makes a request via SAPGUI (e.g. VA01)
- 2) SAP responds with VA01 screen
- 3) GuiXT screen modifications are applied and SAPGUI draws new screen for VA01

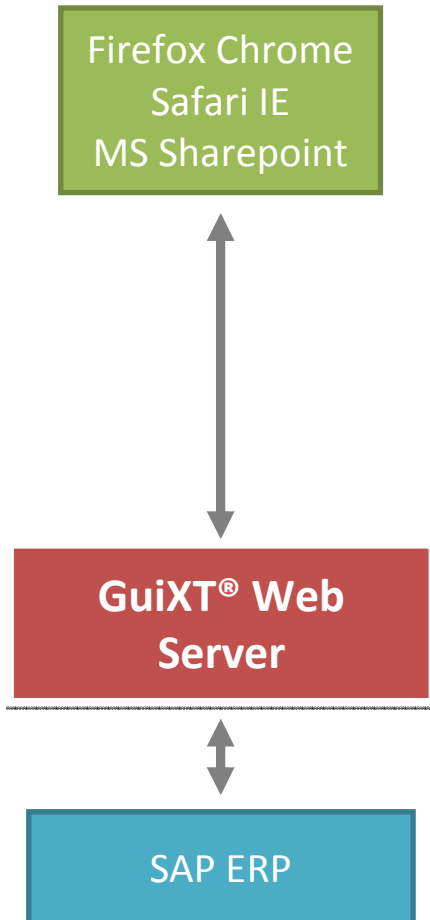


GuiXT Developer Toolkit used to generate GuiXT screens

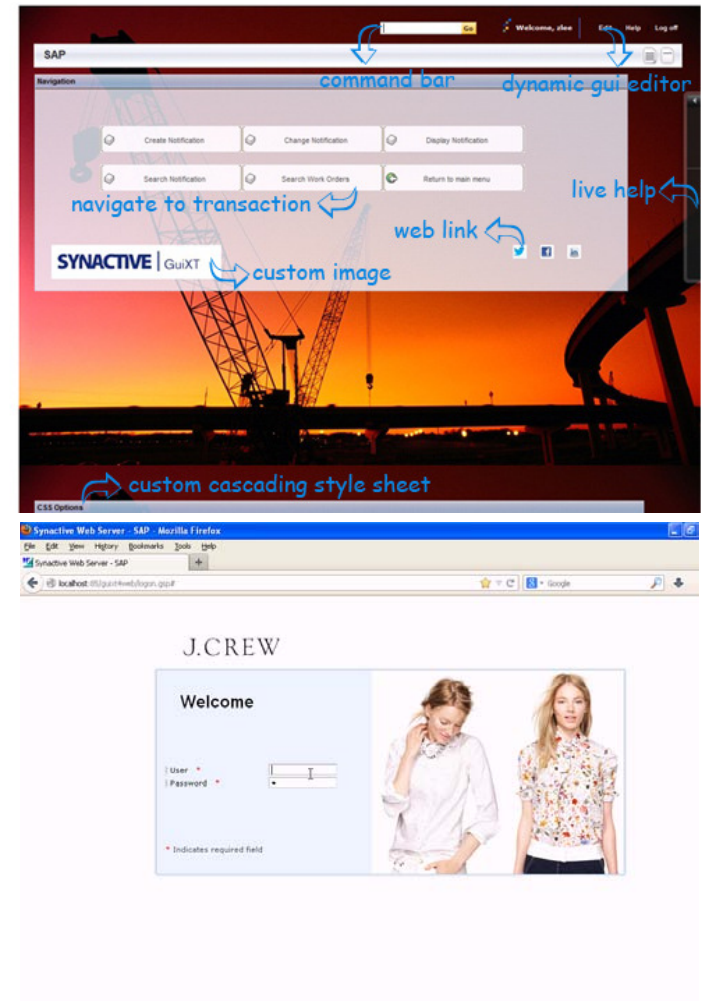
Where are the Scripts stored?

- Options for Script Storage:
 - SAP Web Repository (SMW0) - Integrated with SAP; uses SAP transport mechanism
 - Network Server/File Share
 - FTP/HTTP Server
 - Local Machine (Developers)

Liquid UI on HTML5

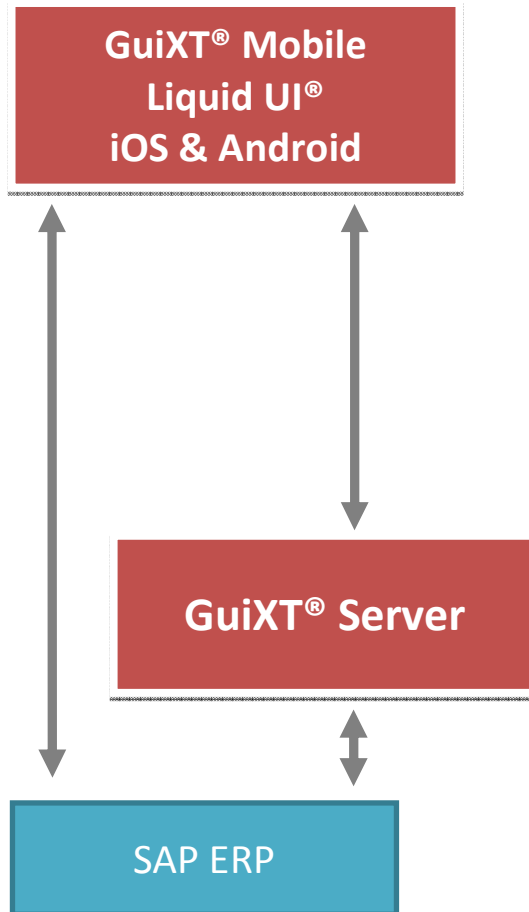


- Custom screens on
 - IE, Firefox, Chrome, Safari
 - SAP Portals
 - SharePoint
- Fully HTML5 **New** (no Silverlight nor Flash)
- Dynamically send custom JS and CSS at screen level
- Note: not a replacement for ITS, designed to be used with WS

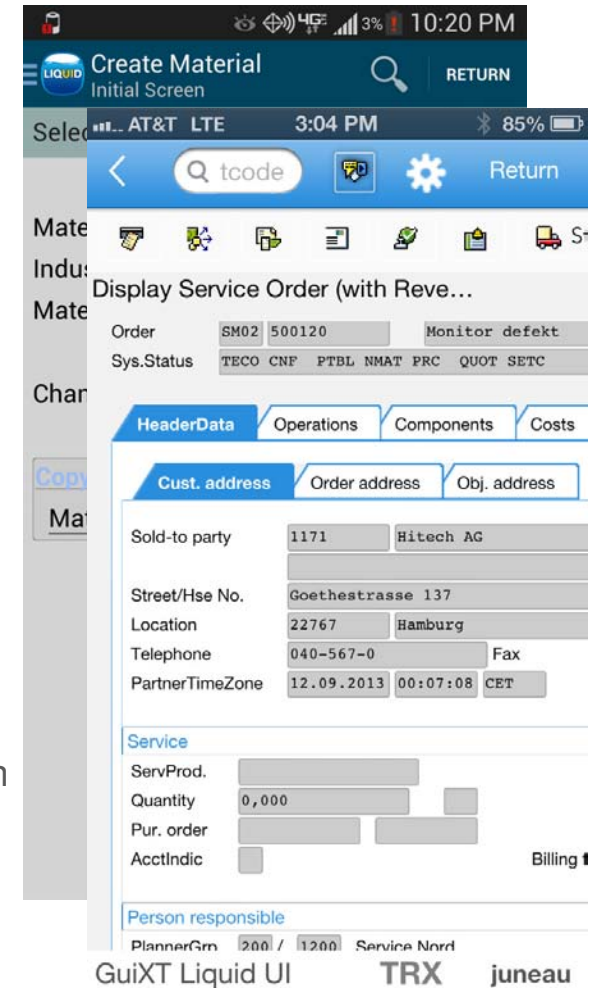


Liquid UI for CE, iOS and Android

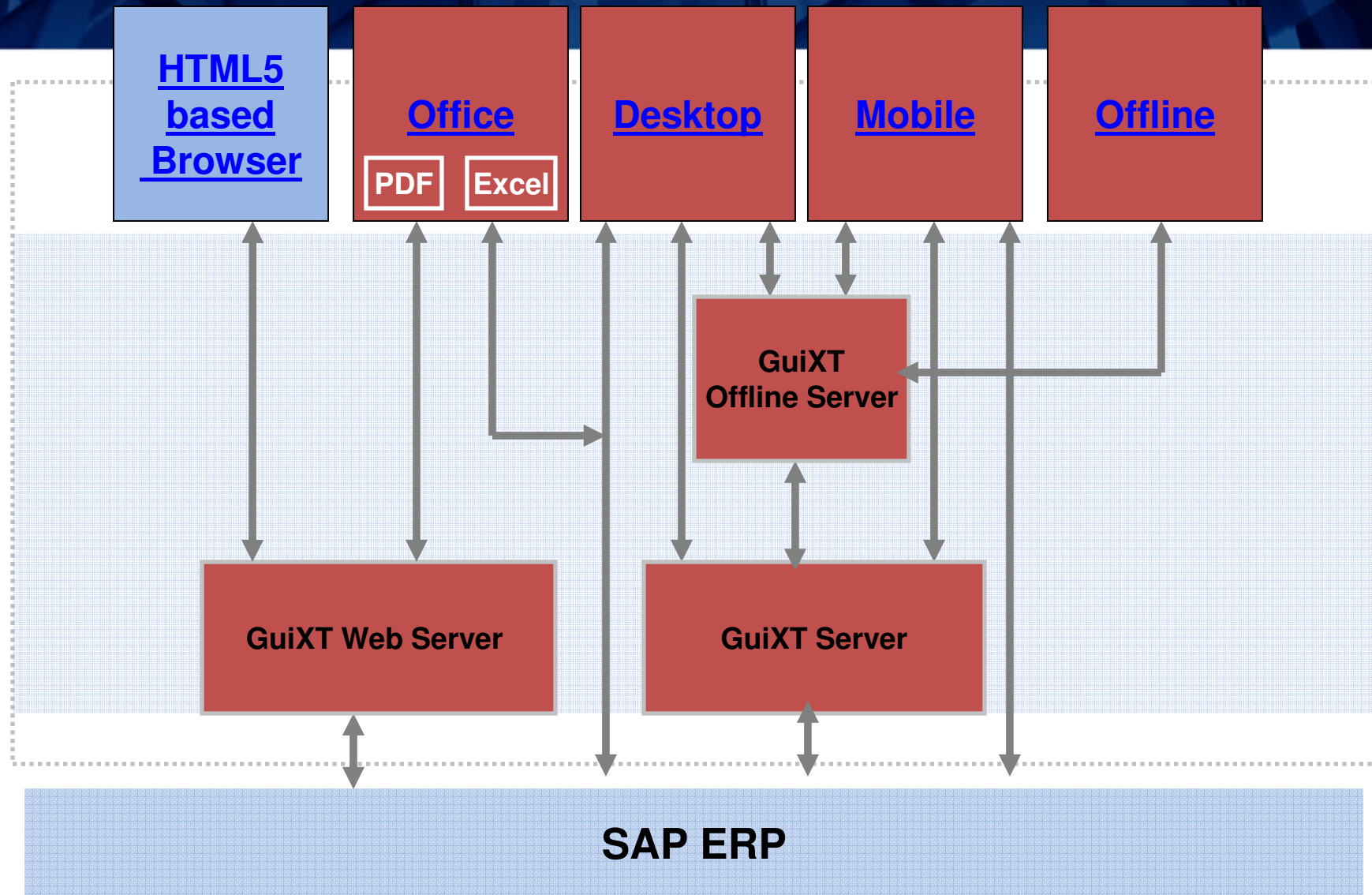
“SAP @ your fingertips”



- Patented Connectivity Technology – compressed, encrypted, binary, efficient native SAP protocol (US 8364814 and 8478815)
- Devices supported
 - Windows CE Handheld Scanners and RFID
 - iOS (iPad, iPhone, iPod)
 - Android (Fall 2013)
- Grids, Longtext, Tree, HTML controls support
- Objects for Services support
- BYOD Ready, provisioning and device management with central profile management
- Smart Action Button simplifies usage in small real estate
- SAP Workflow through e-mail
- RC4 with MD5 256-bit shared key encryption



Liquid UI Architecture Overview



Quotes from Liquid UI for iOS Contest

“SAP World in your hands”, *Enrique del Campo, Project Manager, Iberdrola*



“Liquid UI keeps your SAP workforce fluid!”, *William Thomas, Associate Director IM, ConvaTec Inc.*



“Liquid UI is a "game changer" in terms of streamlining SAP and providing users the screens that they "want" versus screens they are forced to see with SAPGUI!”, *Craig Bence, VP/CIO, Owens Industries*



“A product that will make your users happier“, *The Hershey Company, Hugo Cerda, ERP Business Process Manager*



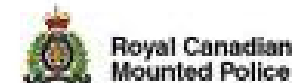
Quotes from Liquid UI for iOS Contest



“I am very impressed with the ease of setup on the IOS platform and that it presents the screens just like they appear on my desktop. Liquid UI also allows me to zoom, and do all the other functions native to IOS witch is very cool, and makes this product a must for IOS users.” *Ryan Thompson, System/Network Administrator, Intermountain Farming Country Stores*

In good company!

Over 1000 Customers Across Multiple Industries



How Can You Get Started?

1) Download trial version of WYSIWYG tool:

http://www.guixt.com/solutions/free_trial.php

2) Download free sample of customized screens of
Plant Maintenance Schedulers and Planners
Console:

http://www.guixt.com/solutions/free_trial.php



3) Download Liquid UI for iOS from the App Store

Mobilize And Enable Your SAP Workforce NOW!

Upcoming Events

- **Webinar: How Pacific Drilling Addresses Challenges for Offshore Plant Maintenance Workers, Wed Jan 29, 10AM**
 - **Featured Speaker – Yoram Borodaty, IT Manager Applications Support, Pacific Drilling Services, Inc.**
- **Conference: SAP-Centric EAM, Feb 24-29, Austin Texas**
 - **Featured Speaker – Marcus Mullins, Sr. Resource Business Specialist, Tyson Foods, Inc.**



Thank You

For more information about
Liquid UI Platform:

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Visit Business Impact page for ROIs and
information on building business case

<http://www.guixt.com/impact/bi.php>