certus solutions

ORACLE Platinum Partner

Customization *but* not as we know it

PaaS4SaaS

Debra Lilley

VP Certus Cloud Services

Private & Confidential 2007-2015 © Certus Solutions. All Rights Reserved

ORACLE Gold Partner

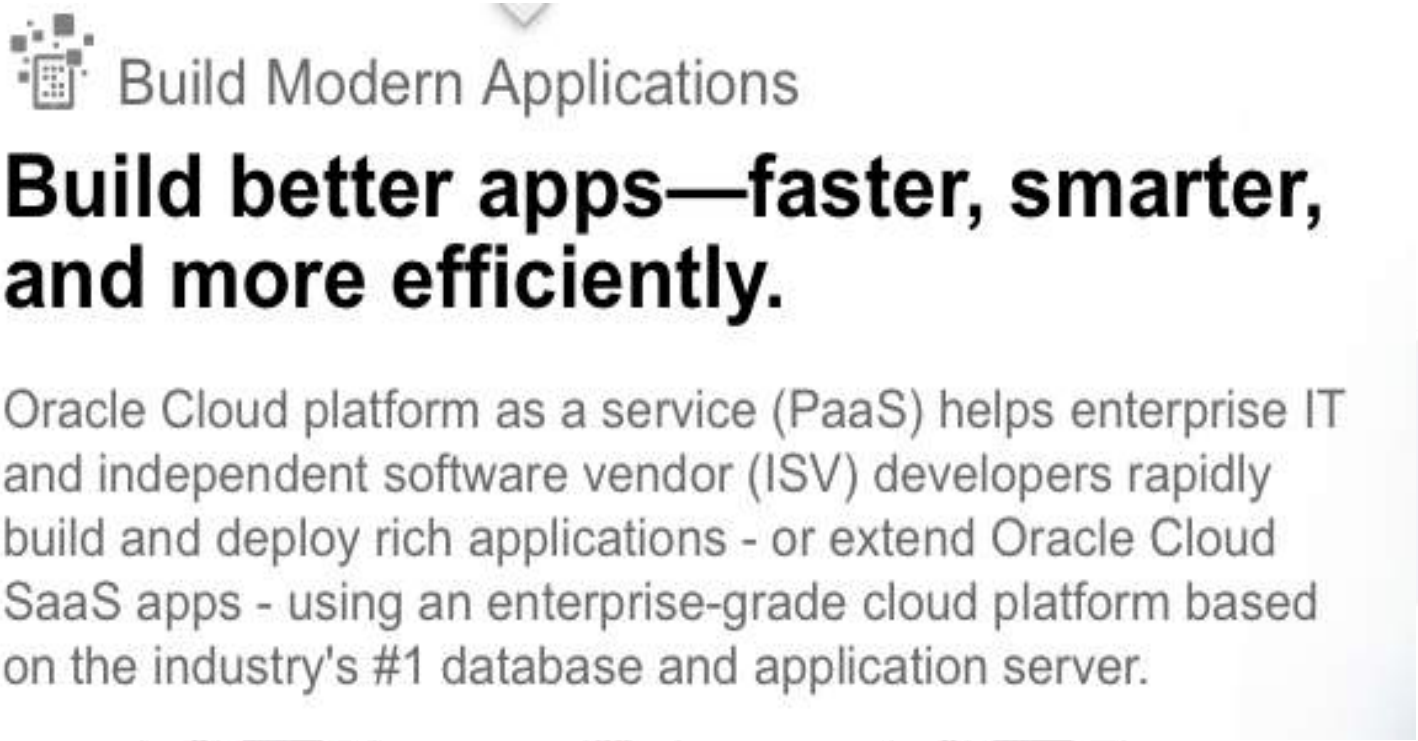
Debra Lilley

- VP Certus Cloud Services
- Oracle ACE Director, OCP & Oracle Masters
- Fusion Applications UX advocate
- Director and Past President UKOUG
- Oracle App since 9.4.1 (18 years)
- End User Advisor for Constellation Research
- 2008 Oracle Magazine Award ‘User Group Evangelist of the Year
- 2011 Friend of Quest Award
- 2009, 2015 SOA Community Award Winner
- 2014 Oracle Scene ‘Most Read Article’

ORACLE Platinum Partner

PaaS4SaaS

- According to Oracle



ORACLE Platinum Partner

Certus Position on SaaS

- Our Press Release 10/14

- Certus Solutions, an Oracle® Gold Partner, Oracle Education Reseller and leading implementer of Oracle Cloud Services for HR, Payroll and Finance operations, is pleased to announce its move into Cloud Services product development on Oracle's Platform as a Service (PaaS) offering to extend Oracle's HCM and ERP Cloud Services suite.

View video

Platinum Partner

PaaS4SaaS – What is important to Certus

- Oracle SaaS, their Cloud Products are successful not least for their user experience.
- Certus are committed to:

Developing cloud extensions to Fusion with same Simplified UI

ORACLE Platinum Partner

PaaS - Our Approach

Component	Use	Certus Use	Availability
Database Cloud	APEX	One off Apps no reuse	Now
Java Cloud	Base Java and weblogic , ADF	One off or very simple apps	Now
Process Cloud	BPM /SOA	Configuration i.e. process change	
Integration Cloud	Connections	Simplifies integration	

Worked with Oracle to investigate and validate our approach

Platinum Partner

Our Chosen Development Partner

- You come to Certus to implement your Cloud Apps because they are the best, and in the same way, Certus will in the first instance use the best Fusion Middleware FMW partner to develop apps.
- We will sell applications through the Oracle Marketplace (think appstore).

eProseed
ORACLE EXCELLENCE, DELIVERED.

Innovate where others follow! eProseed is an Oracle Platinum Partner with in-depth expertise in Oracle Database, Oracle Fusion Middleware (FMW) and Oracle Hardware including Oracle Engineered Systems. We solve hard problems with innovation and experience. We offer award-winning services and solutions at business and technical levels using high-maturity practices and with guaranteed results. We deliver Oracle's Technology excellence with faster ROI and lower risk and TCO.

ORACLE Platinum Partner

Certus, eProseed & Oracle working together

-
- HCM Cloud Use Case

- Demonstrate to Oracle Certus commitment to PaaS4SaaS
- Develop relationship with partners eProseed
- Learn from Oracle more about UX
- Learn about rapid development for PaaS
- Leave workshop with:
  - Functioning wireframe of Certus use case
  - SUI first cut of Certus Use Case
  - Demo showing integration

ORACLE Platinum Partner

Validating Paas4SaaS works

- 3 Day Workshop with Oracle UX Team
- (2nd of a small series funded by Oracle to validate the technology and solution with partners).

ORACLE Platinum Partner

UX Goals for Design labs

- Understand the technical aspects and value of PaaS for SaaS solutions
- Understand the philosophy and value of the Simplified UI
- How to modify/use a simplified design process for an Agile PaaS project
- Understand how to design, develop and deploy a PaaS application built using the Simplified UI and supporting resources;
  - Rapid Development Kit (RDK), Design Principles of SUI eBook and Developer expertise
- Have fun and provide feedback on the process and resources

certus solutions

For More on Oracle's Dedication to User Experience

- Oracle.com/UsableApps
- Blogs.Oracle.com/VoX
- Blogs.Oracle.com/UsableApps

- YouTube: oracleusableapps
- UsableApps on Facebook
- Twitter: @UsableApps
- Usable Apps on LinkedIn

ORACLE Platinum Partner

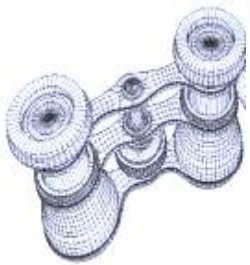
How Oracle Builds an Applications \ User Experience

1 Observe

We observe real end users where they work, doing real tasks. Globally.

2 Analyze

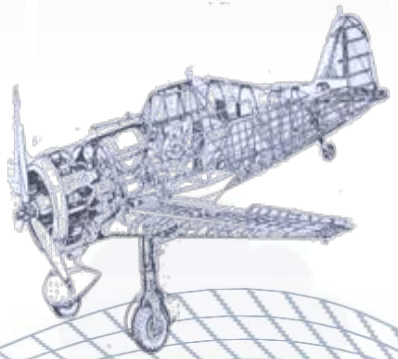
We identify themes and usage activities across different users.



3 Wireframe

We sketch out experiences and refine with users.

Proven functional UI design patterns inform our sketches.

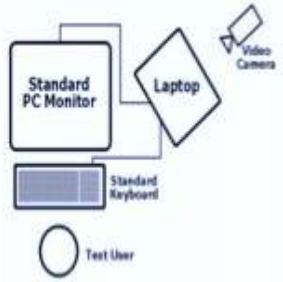


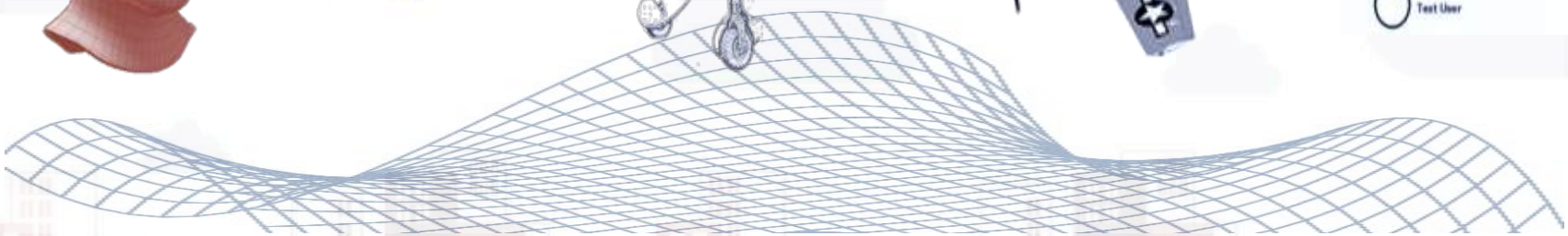
4 Prototype

Designs agreed, we build working prototypes and test with real users performing real work tasks.

5 Build and Measure

We test the implemented design again and scientifically measure usage.





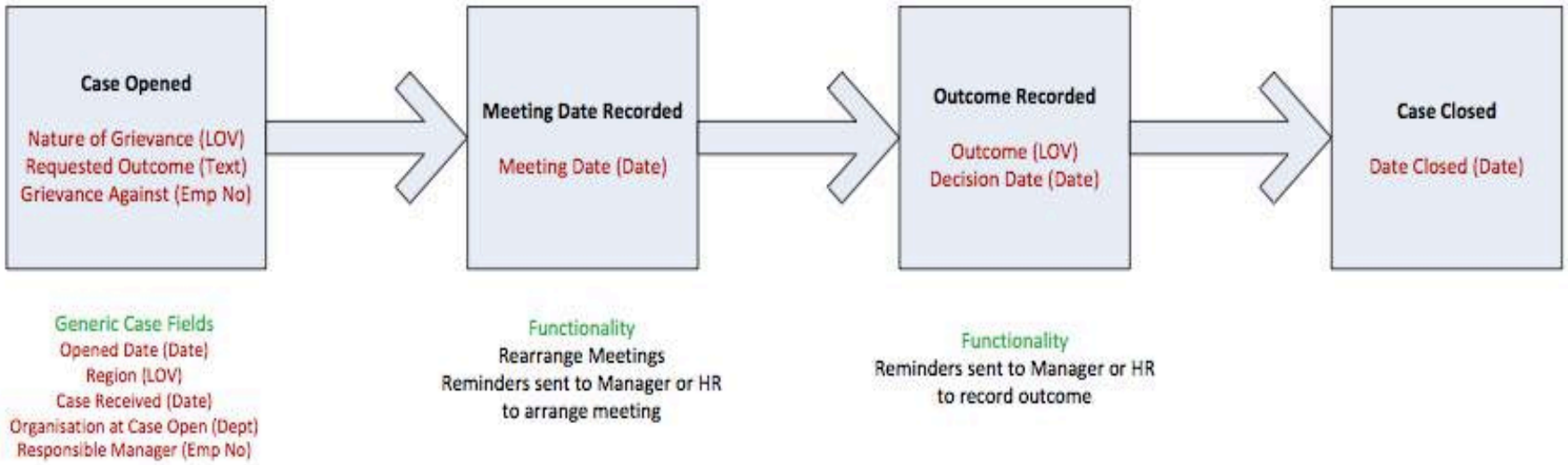
Platinum Partner

Ultan Facilitated the Workshop

ORACLE Platinum Partner

1. Observe – Our Use Case

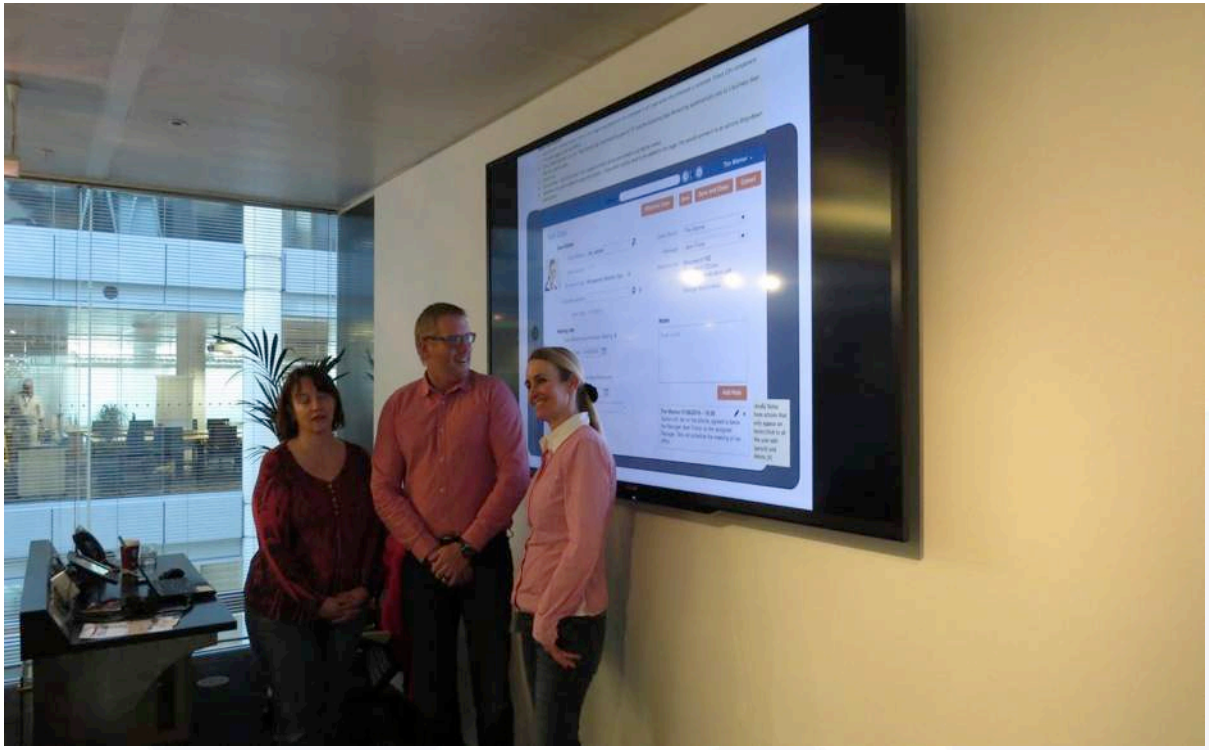
- CMA is an existing application we use with customers for HR Policy Compliance.



ORACLE Platinum Partner

2. Analyze

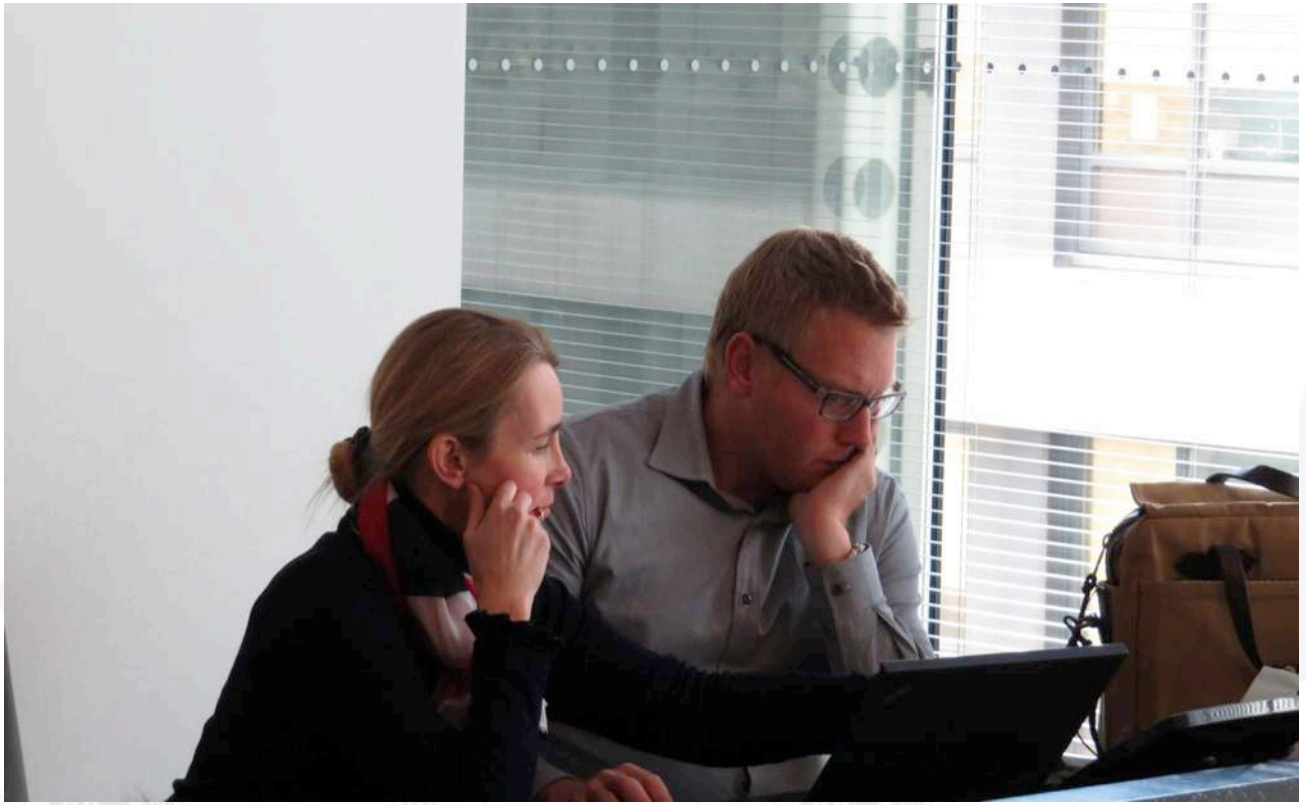
Caroline talks through current functionality and where the integration with Cloud ERP would be:



ORACLE Platinum Partner

3. Wireframe

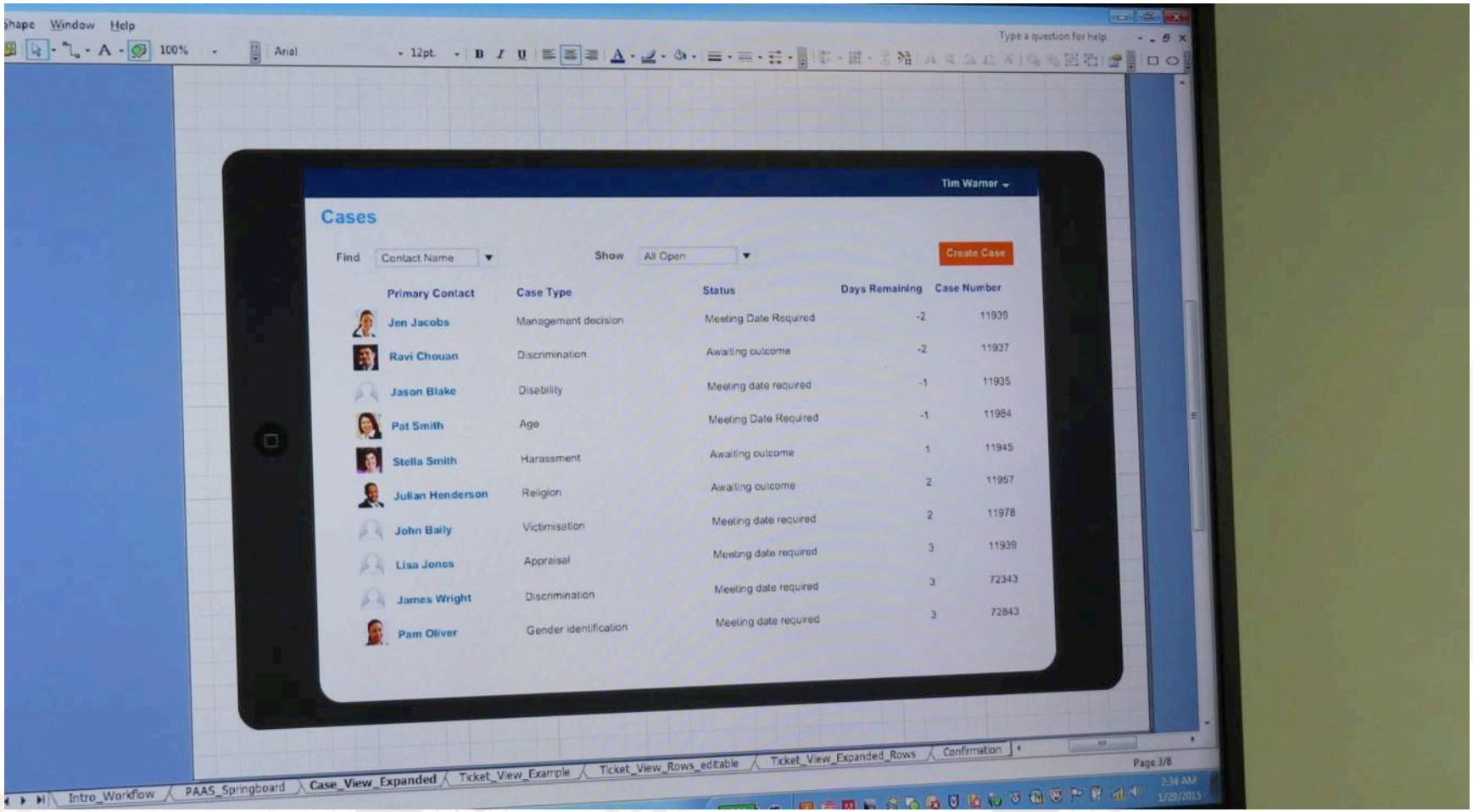
Julian & Mascha build wireframe



ORACLE Platinum Partner

certus solutions

Wireframe

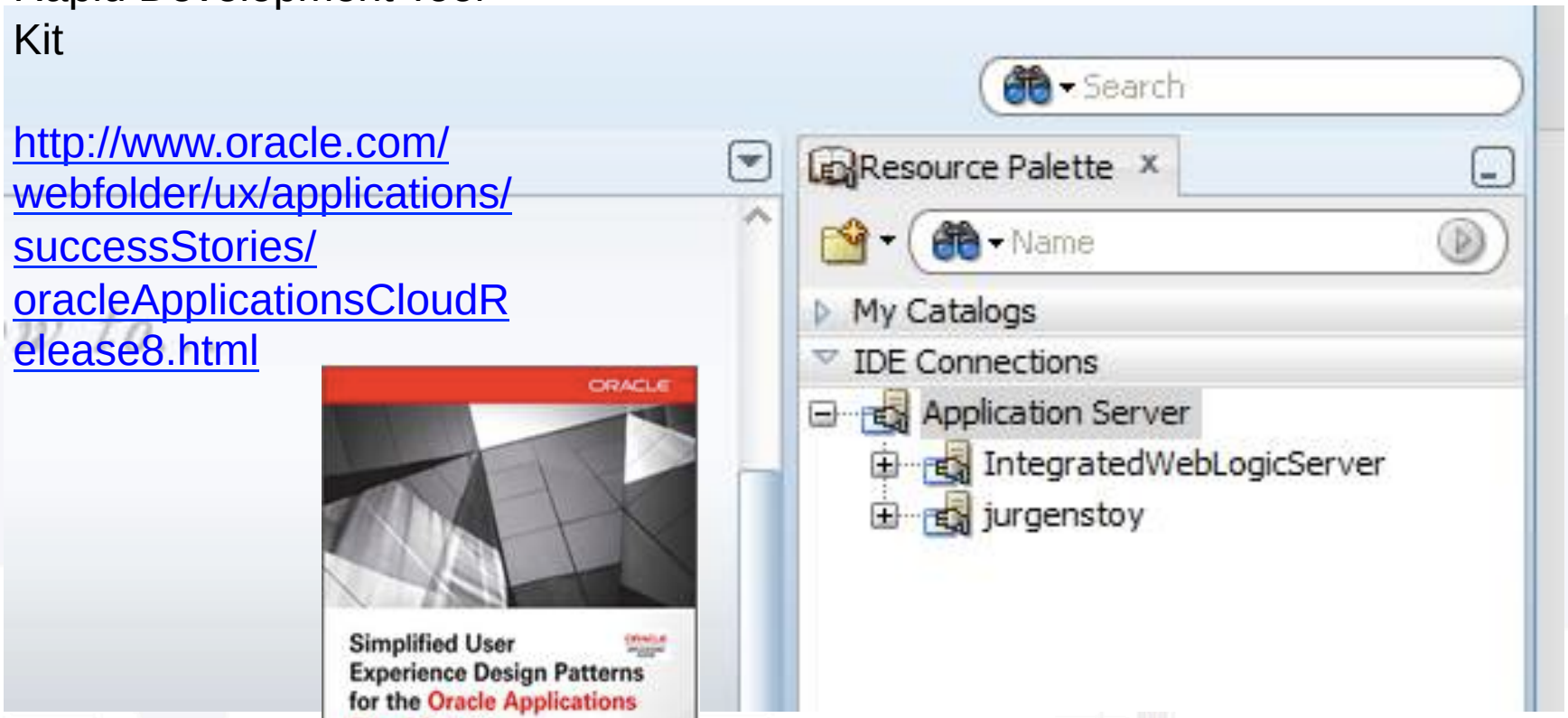


ORACLE Platinum Partner

4. Build Prototype

Using the Oracle UX Rapid Development Tool Kit

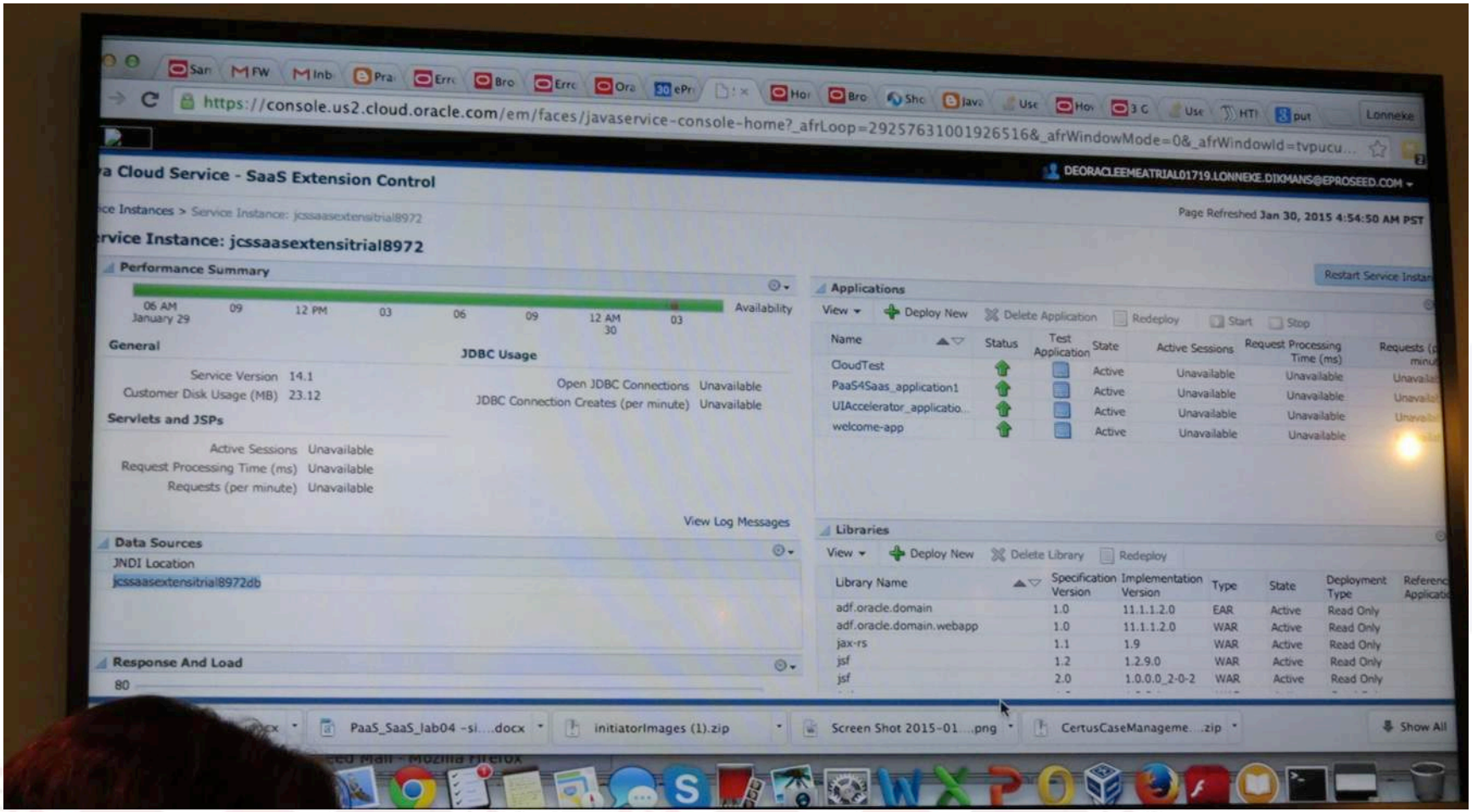
http://www.oracle.com/webfolder/ux/applications/successStories/oracleApplicationsCloudRelease8.html



ORACLE Platinum Partner

certus solutions

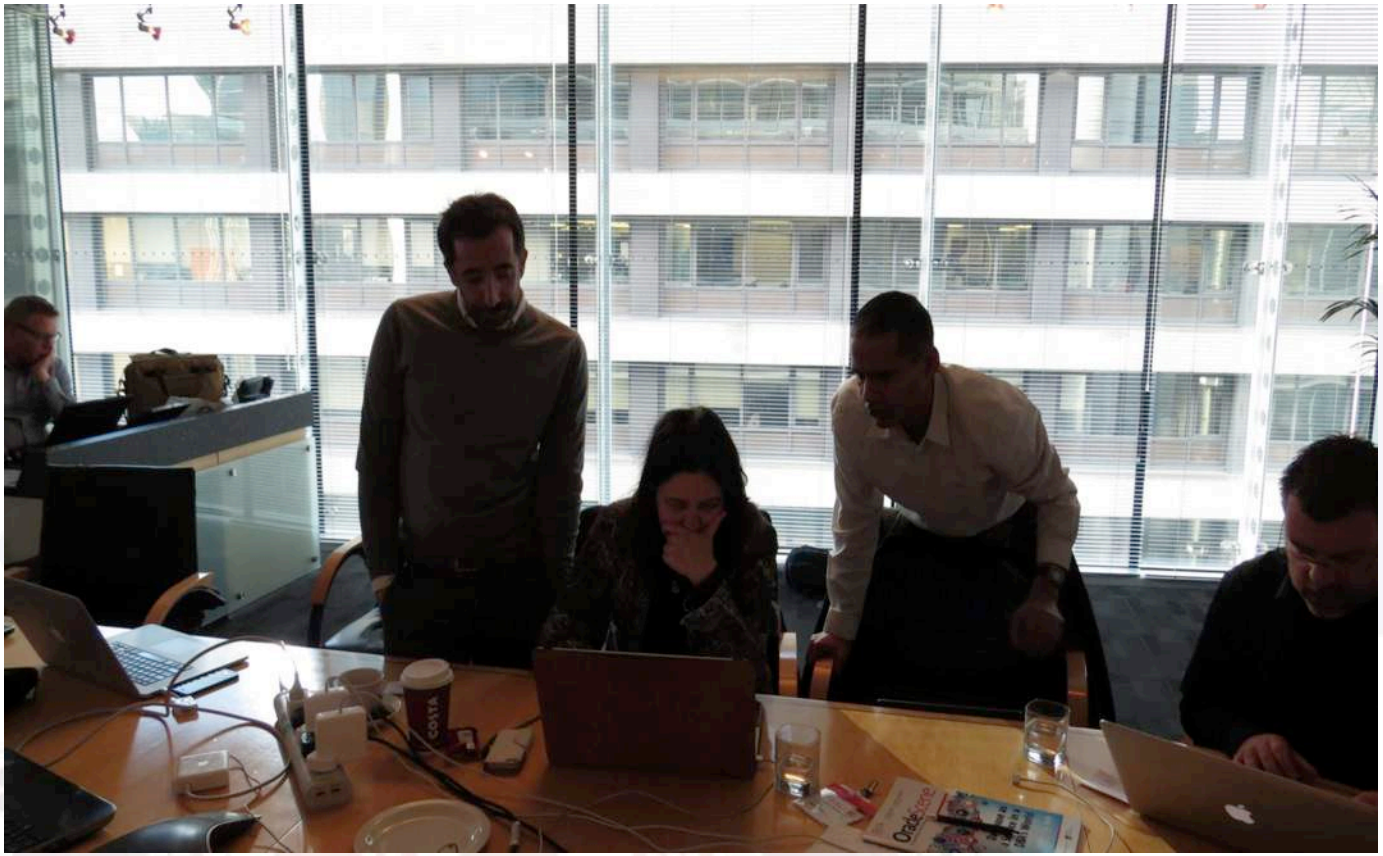
PaaS



ORACLE Platinum Partner

Development team using RDT

- Bruno, Lonneke, Lancey and Luc busy working at Development



ORACLE Platinum Partner

Our Prototype

On PaaS Java Cloud

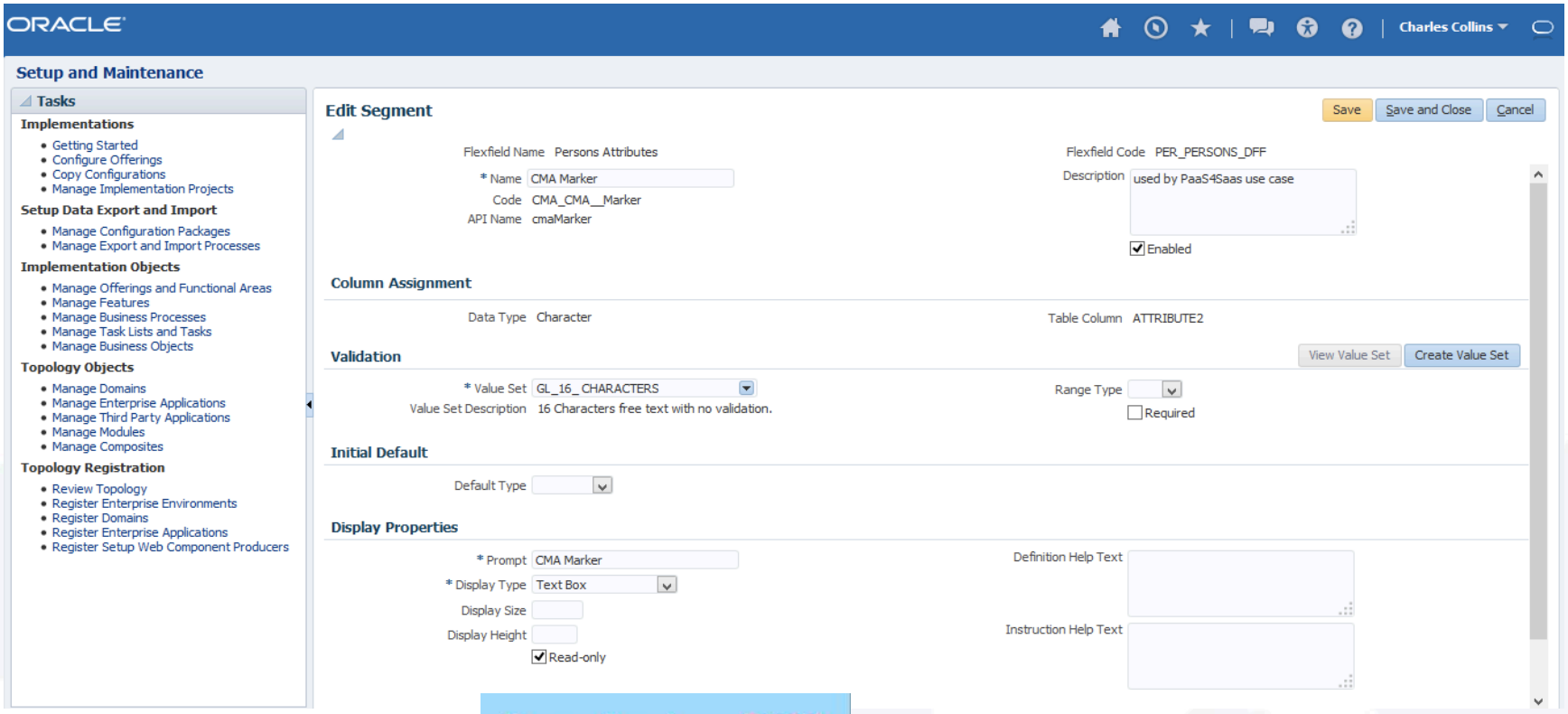
- Table created containing test data
- SaaS application created that:
  - View record summary
  - View Individual record
  - Create records

On HCM Cloud

- HR Person data extracted from HCM Cloud
  - Extract using using BIP
  - Loaded into PaaS table
- Added descriptive flexfield on HCM Person Record to hold CMA market
  - Not updatable in HCM Cloud
- CMA region added to HCM Cloud Welcome Page to call CMA SaaS Application

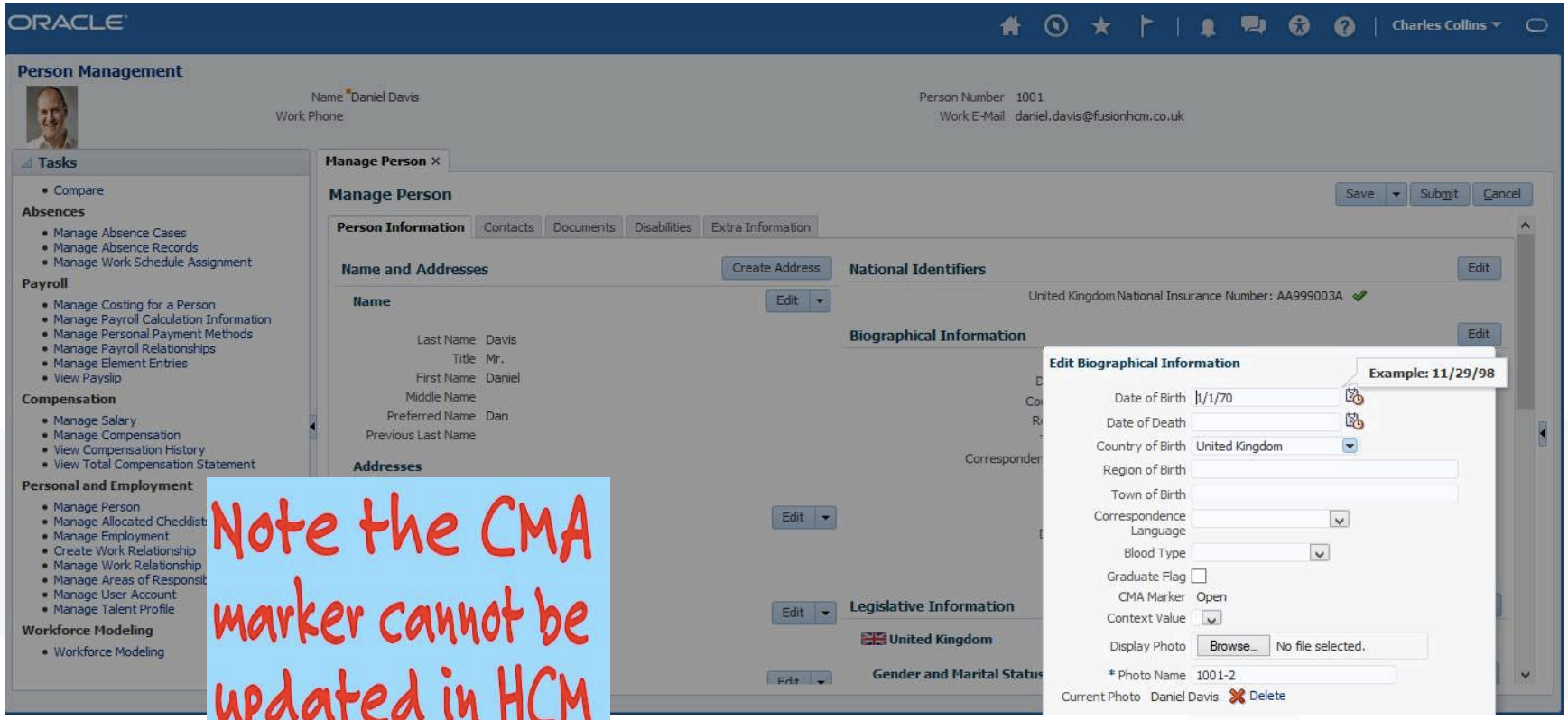
ORACLE Platinum Partner

Note Read Only Dff



Created a DFF on the person record so we can hold a CMA marker

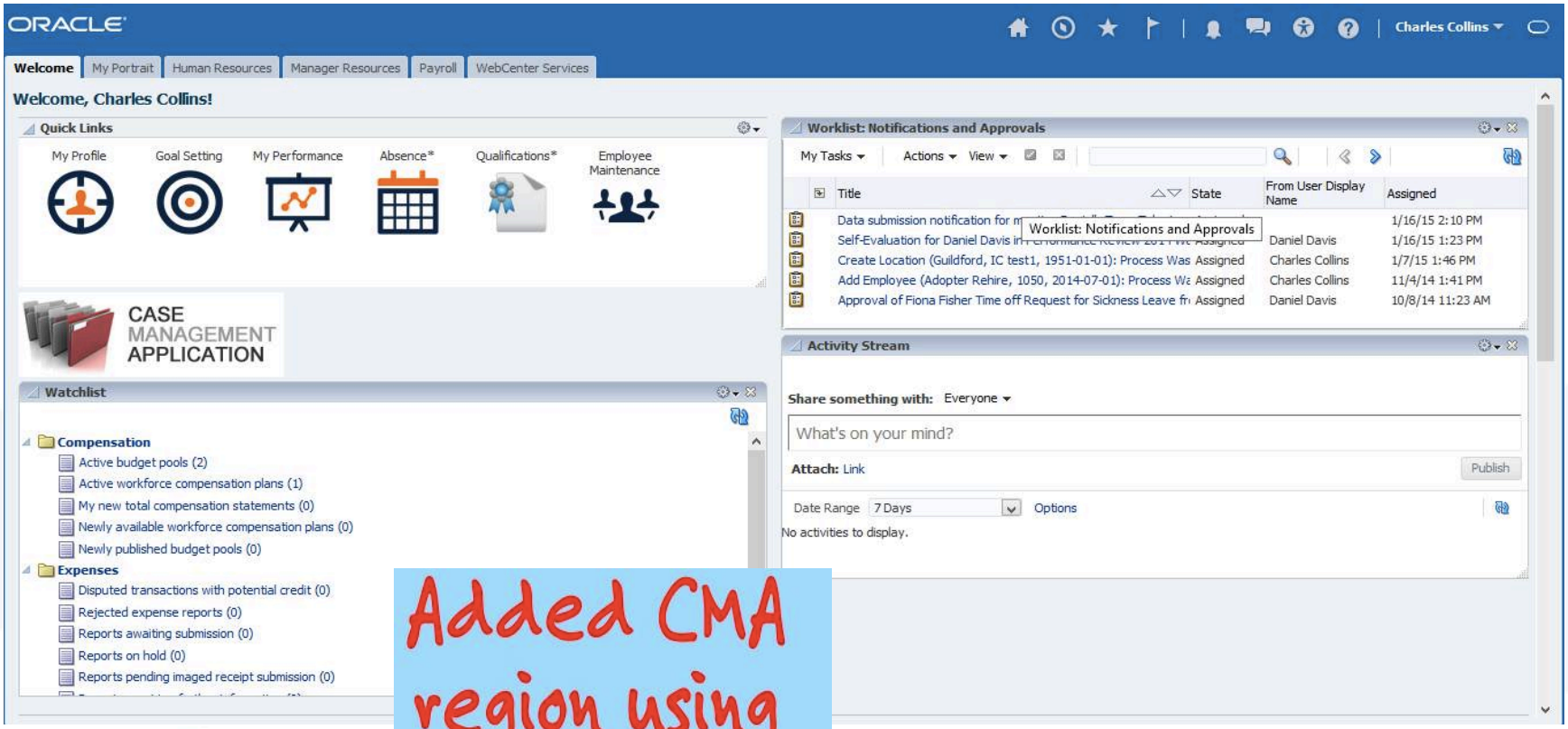
Edit, Opens up all details including marker



Note the CMA marker cannot be updated in HCM Cloud, only from the CMA application

Platinum Partner

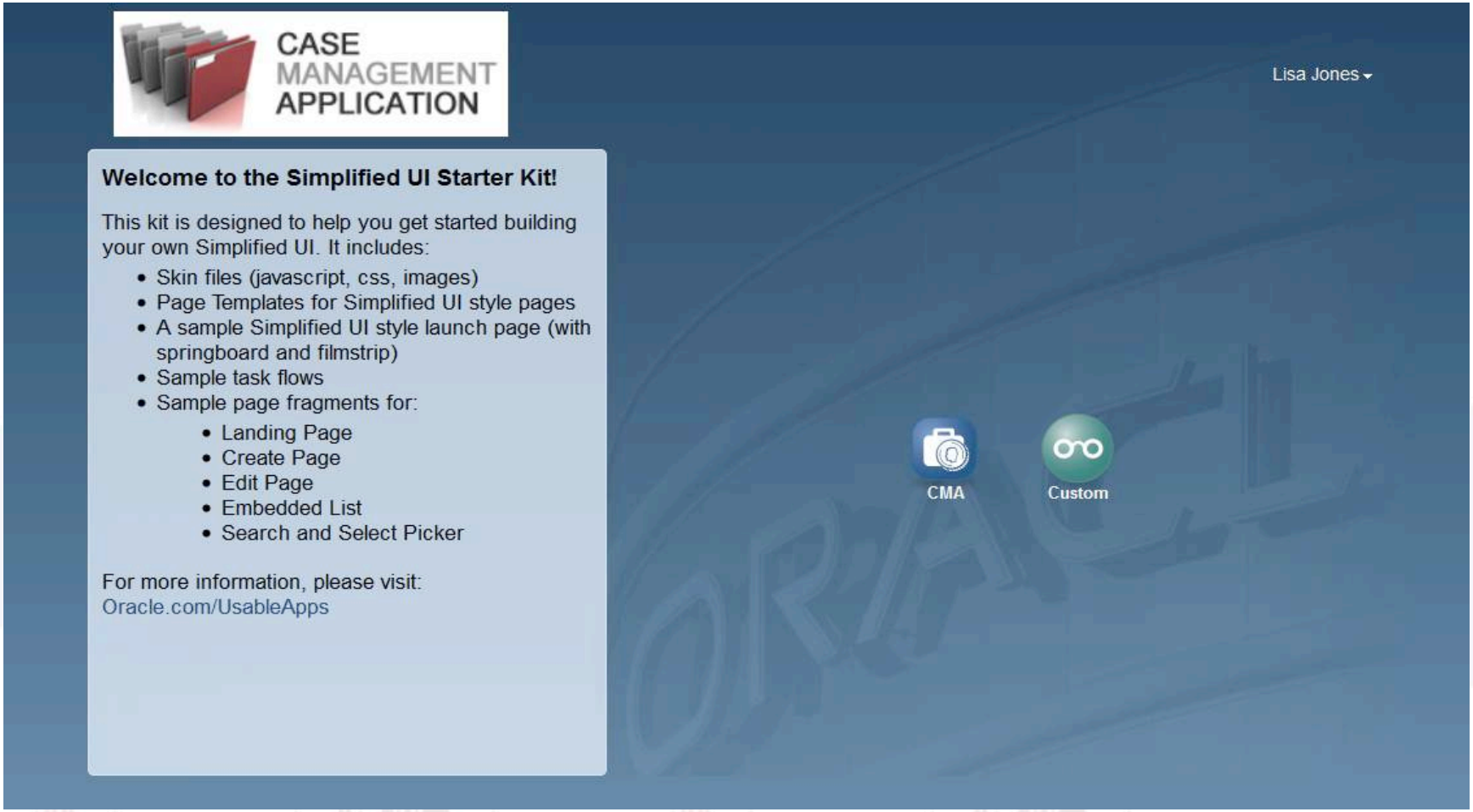
Added to welcome page



Added CMA region using url based object in page composer

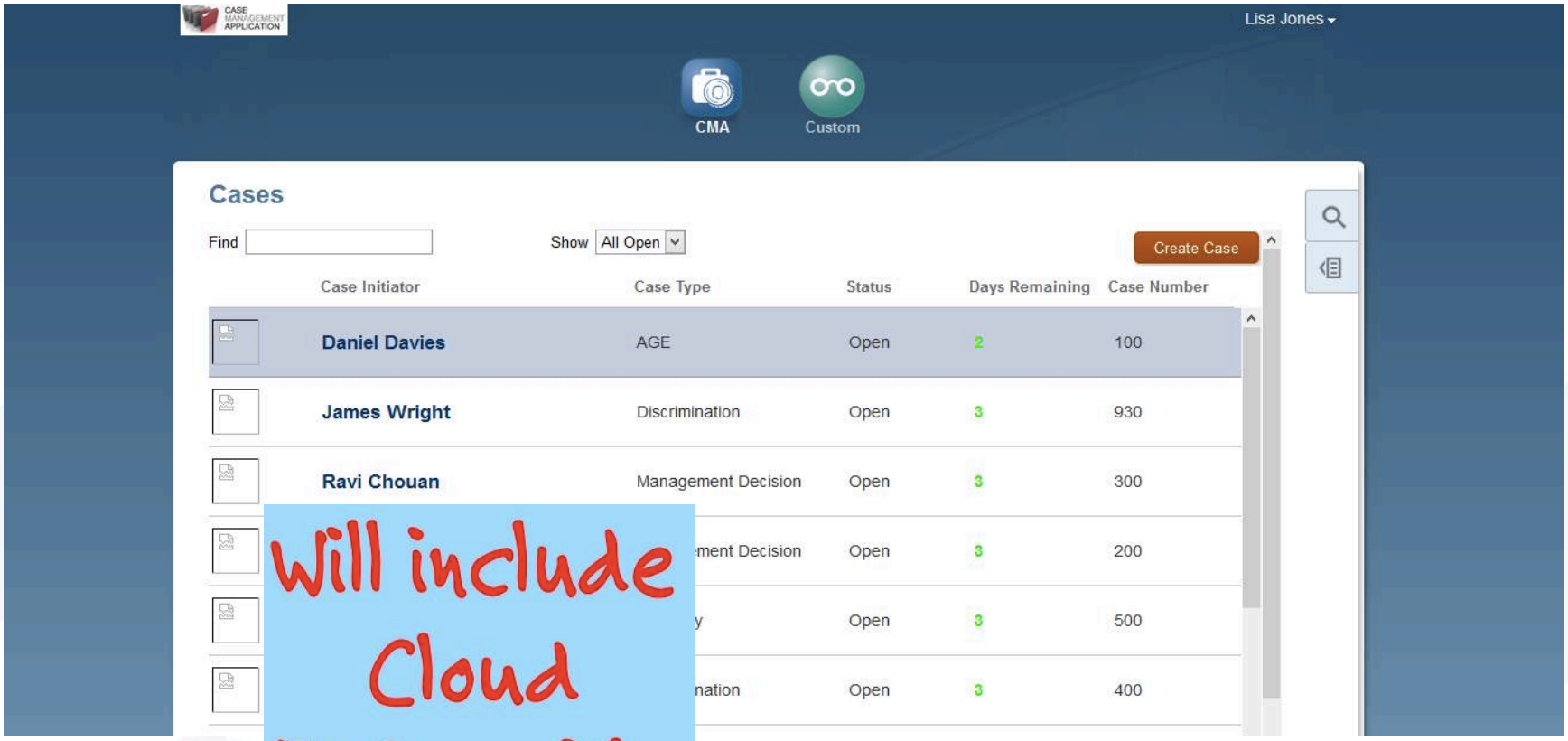
Platinum Partner

CMA SUI SaaS Application called from Cloud ERP



ORACLE Platinum Partner

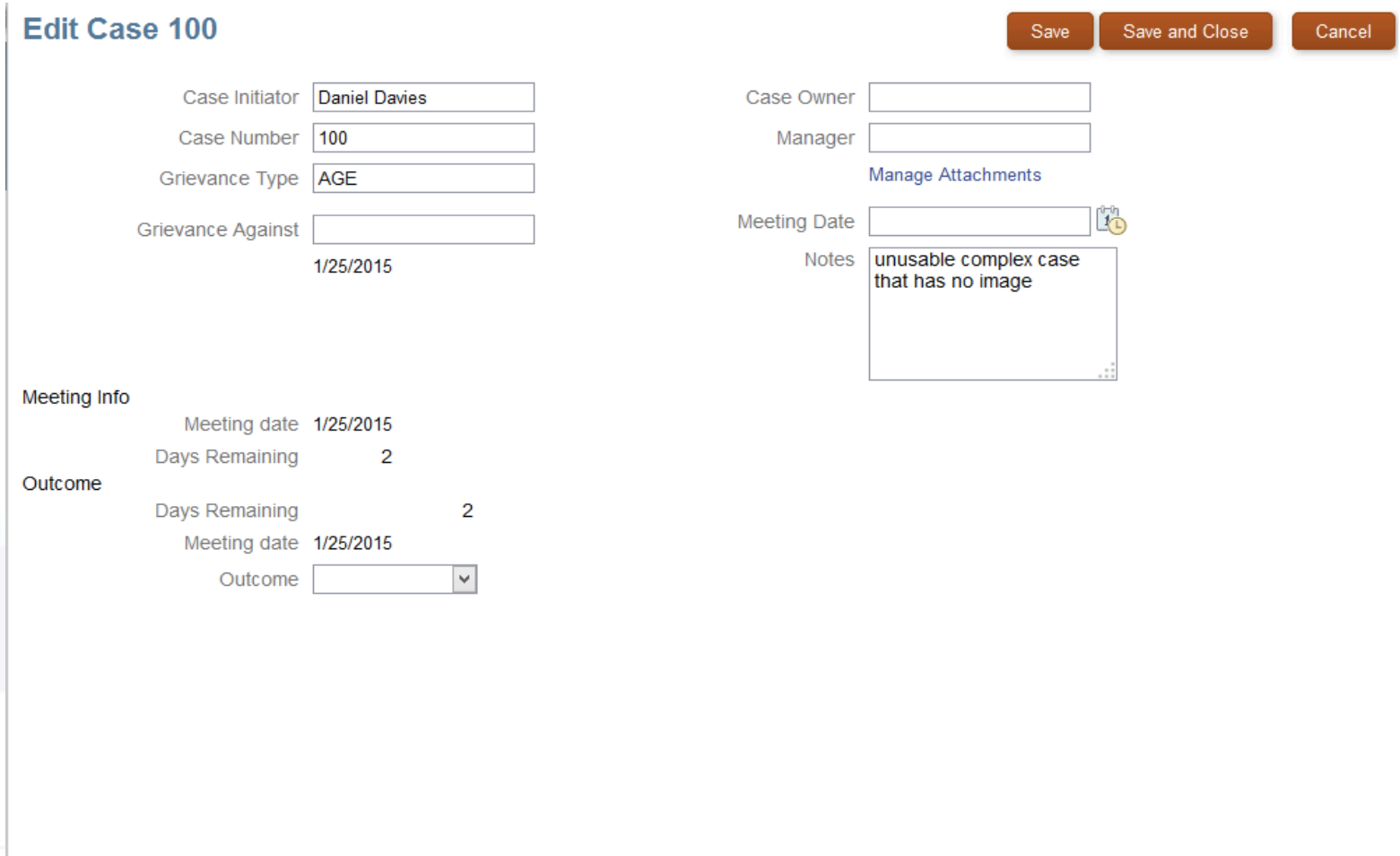
PaaS View Summary Page



Will include Cloud ERP profile photos

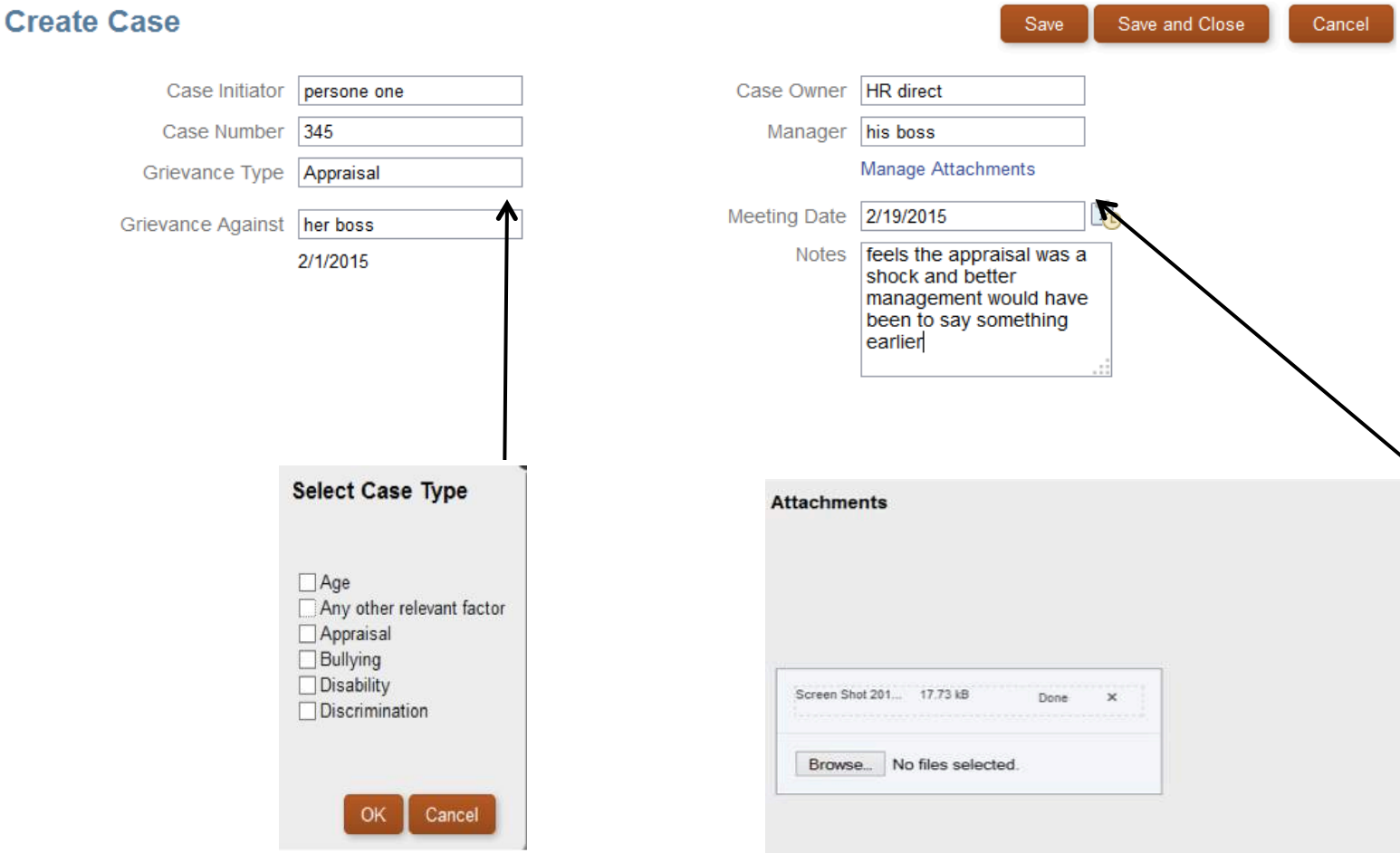
ORACLE Platinum Partner

Drill Into Detail



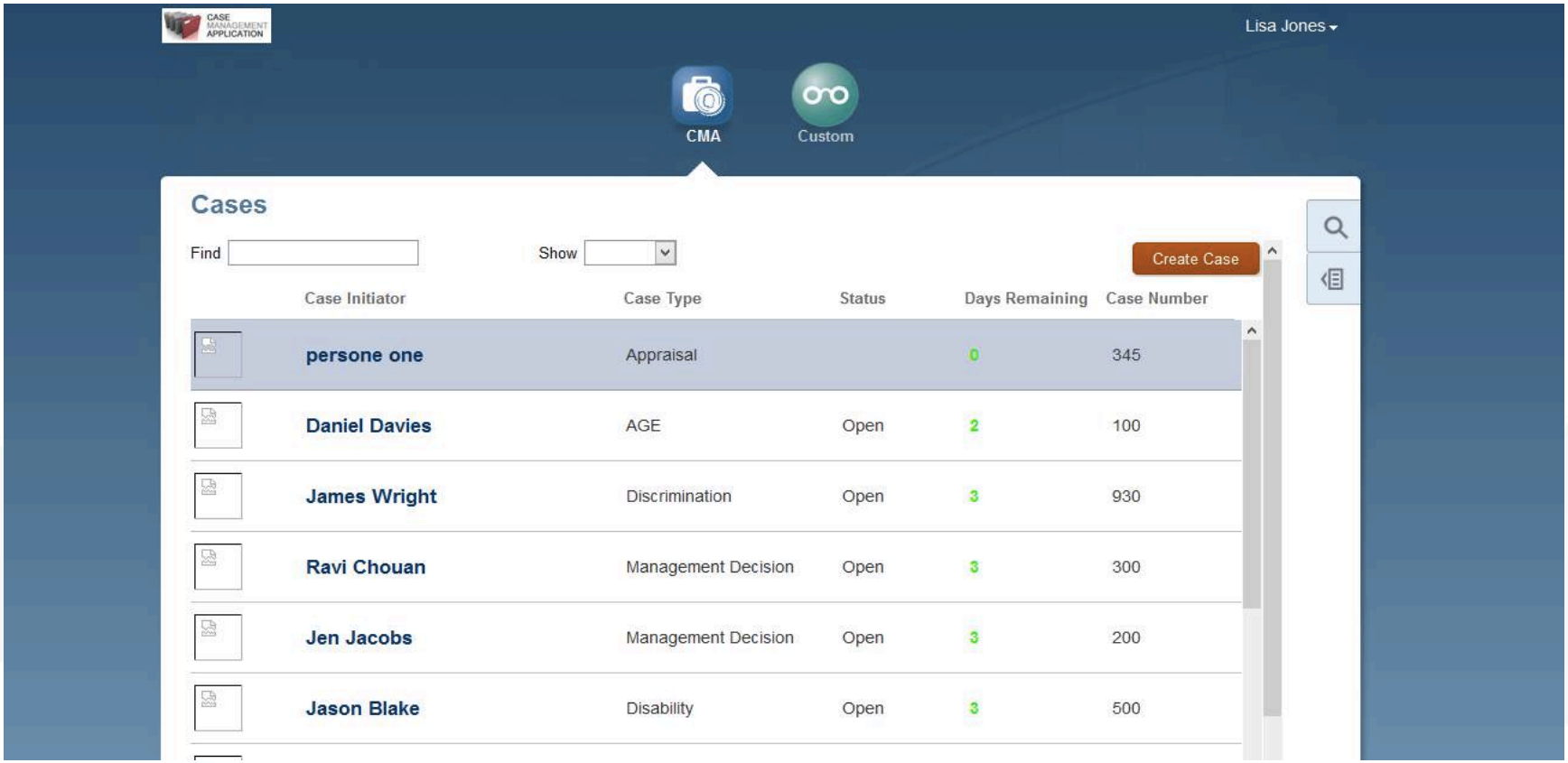
ORACLE Platinum Partner

Create New Record



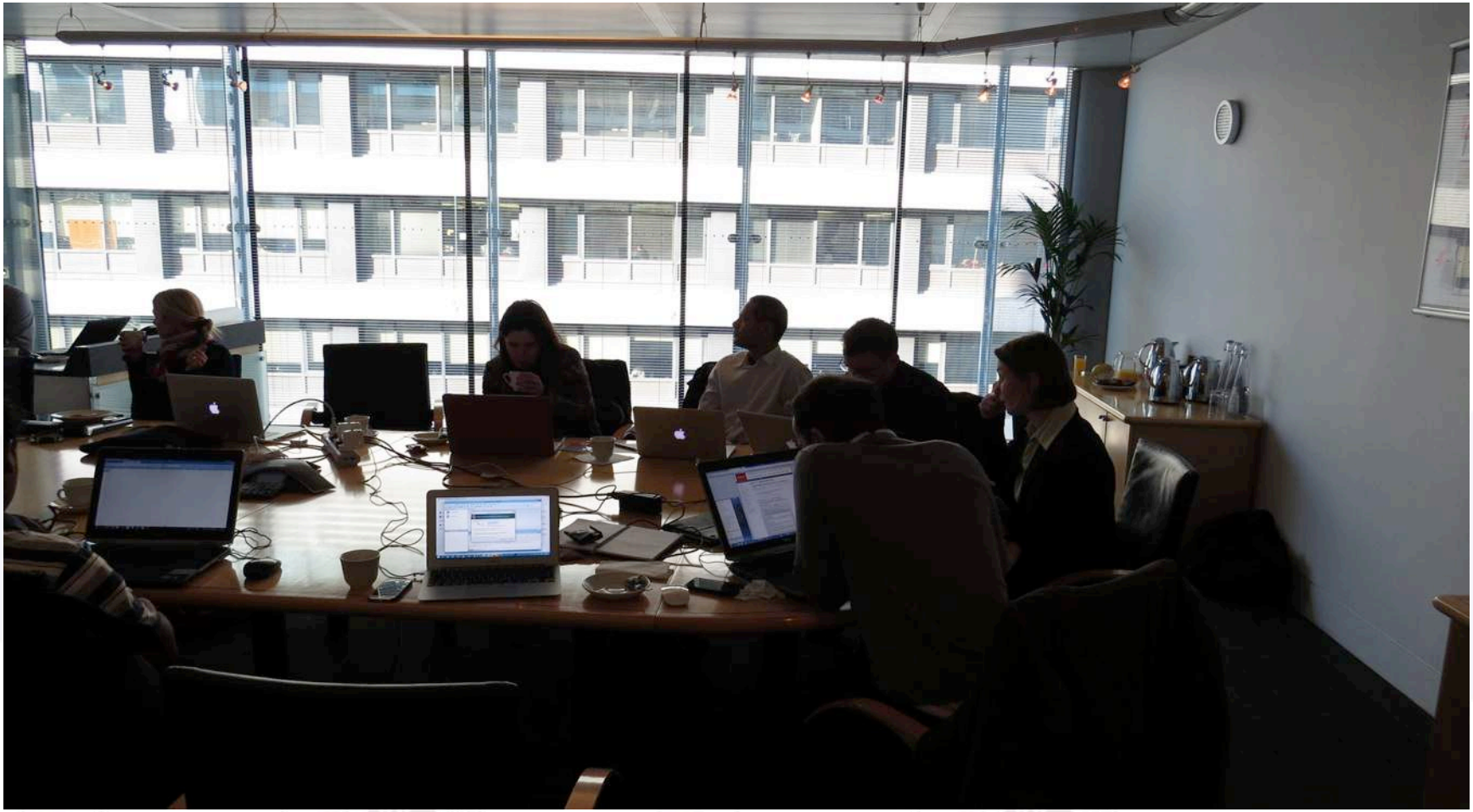
ORACLE Platinum Partner

New Case added to Summary



ORACLE Platinum Partner

The Team Hard at Work



Platinum Partner

Work Outstanding

- Design table structure (currently single table)
- Populate routine to include photos
- Automate periodic extract & update from HCM Cloud
- Summary screen to include photo
- Complete the detail behind entry screen
- Trigger to update HCM record with CMA marker on insert
- Trigger to update HCM record when case complete
- Return from CMA SaaS application in HCM Cloud

ORACLE Platinum Partner

PaaS4SaaS Current Constraints

- **SaaS, We are looking at ERP & HCM**
- CX has an Apps Composer and can do so much more

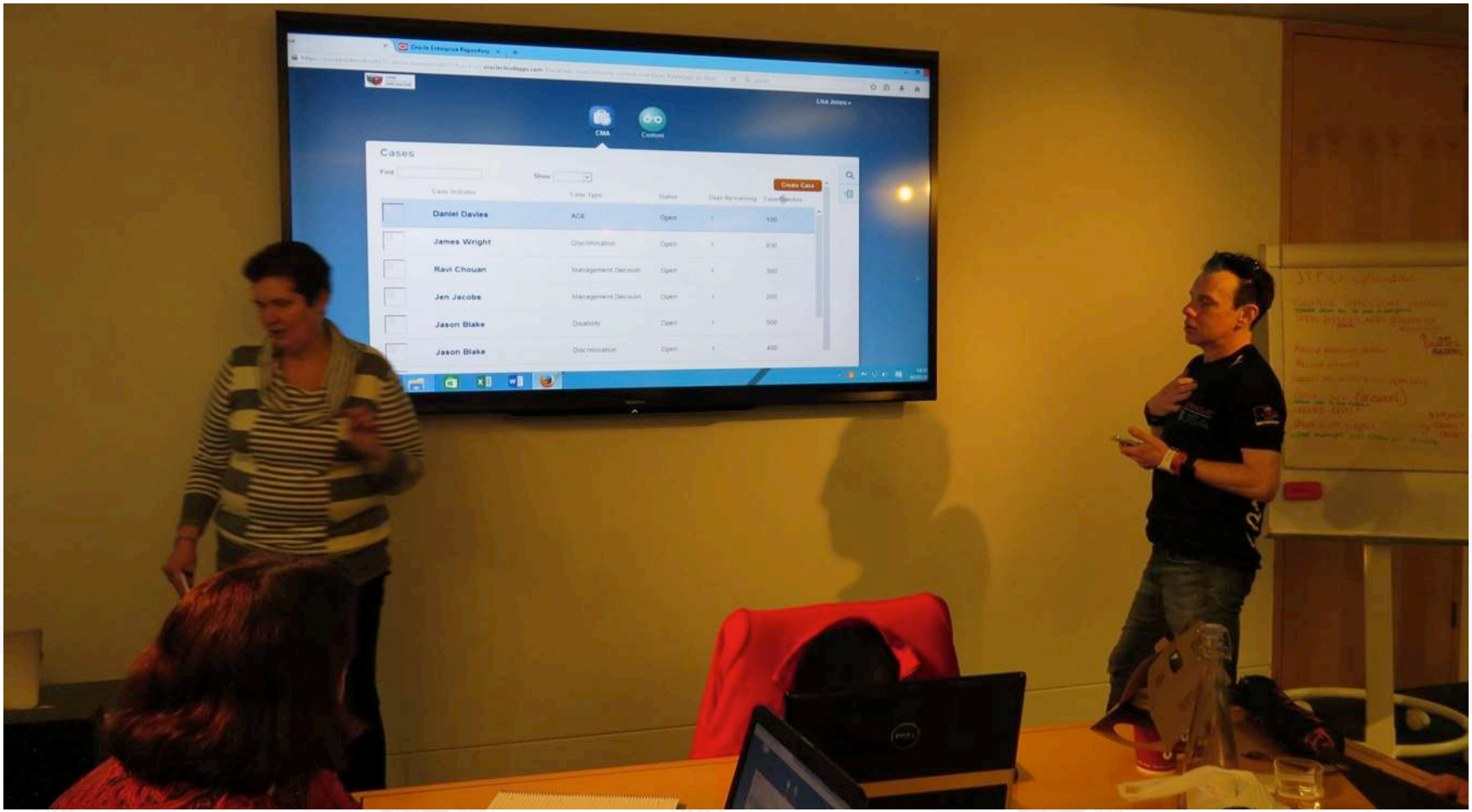
- Each process is a series of services orchestrated by BPM/SO
-

-

- When using Fusion Apps on Premise, you could amend the process, i.e. remove or add new services (provided they were in the service catalogue), using the Process Composer.
- In SaaS there is no access to the Process Composer, you CANNOT use it, with one exception, we can access the Approvals Process via AMX (Applications Management Extension), but what we do is limited to variables, i.e. how many levels, what hierarchy etc.

ORACLE Platinum Partner

Giving the Wrap Up, Debra & Ultan



ORACLE Platinum Partner

PoC Summary

- At OOW PaaS4SaaS promised

- Based on our experience and investigation we believed there were some significant gaps:
- (Sales Cloud has apps composer which allows easier integration and extension, HCM & ERP do not)

- Workshop validated our understandings and determined what we really can do today – increased our confidence.

ORACLE Platinum Partner

certus
solutions

ORACLE Platinum Partner

Followup & PCS Conclusion

- Oracle Fusion Middleware Partner Symposium –
  Budapest 3-6 March 2015
- In depth classes and access to Product Managers re Integration Cloud Process, clarifying some constraints

- PaaS4SaaS allows us to punch out, run a standalone extension but not true orchestration across, to and from SaaS.
- PCS does NOT allow us access to amend the processes embedded within SaaS

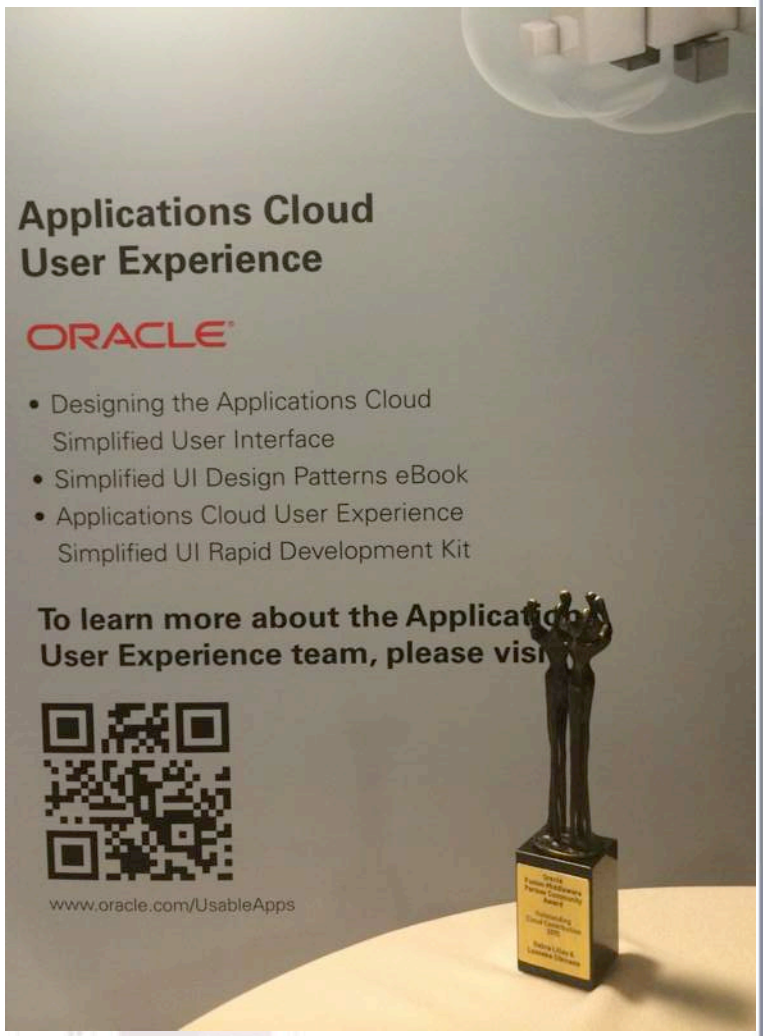
ORACLE Platinum Partner

SOA Community Award

I awarded my first SOA Community Outstanding Contribution for Cloud to Debra Lilley of Certus Solutions and Lonneke Dikmanns of eProseed because they not only took on board the messaging of PaaS 4 SaaS from the last Oracle Open World, but also their collaboration between an Applications partner and a Middleware partner, sought out answers and training and with Oracle Development giving feedback and validating their approach in this area. All good things but bringing that back to the community and sharing is the outstanding contribution.

Jürgen Kress, Oracle EMEA

Fusion Middleware Partner Adoption



Platinum Partner

PaaS4SaaS Blog Column

http://dclilley.com/paas4saas.html

Platinum Partner

Profit Magazine

BIG IDEAS

PROFIT ORACLE

Profit Magazine
- Current Issue
- Past Issues
- Features
- Big Ideas
- Inside Oracle
- Partner News
- FYI
- Article Archives
- Newsletter Archives
- Oracle Magazine
- Subscribe
- Write the Editors
- Submit an Article
- Advertise

Stay Connected:

PaaS and SaaS: Perfect Together

Five reasons that platform as a service will soon become the de facto way to extend software as a service.

by Debra Lilley, March 2015

Platform as a service, or PaaS, is exciting a lot of our customers—not just those who want to move to the cloud, but also those who see PaaS as a way to build applications faster and more efficiently. As Oracle releases more development tools in the cloud, I believe that PaaS will become the de facto way to extend software as a service (SaaS).

First, let's explore some of the major benefits of PaaS. With PaaS, you no longer have to worry about the cost and time associated with maintaining hardware or a data center. By bypassing the setup required for a development environment, your organization will achieve faster time to value on projects. Most PaaS offerings are on a consumption model: Much

KEEP UP WITH PROFIT

Subscribe to Profit
Profit's RSS Feed
Read the current Executive Strategy Newsletter

[Read full article]

ORACLE Platinum Partner

Summary

- Get Data out of SaaS
  - The BI Publisher Service is a back door, it allows us to extract any data from SaaS
- Call PaaS
  - We cannot call PaaS as part of a SaaS process, BUT using Page Composer we can add a link to PaaS, and call it using manual navigation
- Sign into PaaS
  - Currently we need to do so once per session, as we do for OIM & AMX however single sign on is coming
- Work in PaaS
  - Either using navigation or a process (depending on what PaaS components are used.
- Return Data to SaaS
  - **Only** possible if a relevant API exists, and this will be much easier with ICS (integration Cloud Service) but possible now – lack of APIs is biggest constraint in HCM & ERP
- Next Step in SaaS
  - Unless the API updates a field that triggers next step in an existing SaaS process, you have to manually navigate to next service.

ORACLE Platinum Partner

What Next?

- Oracle Announed ABCS
- Rerunning the PoC using that reporting back when GA

ORACLE Platinum Partner

Credits

LAOTN for the opportunity

Oracle:

- UX team development
- SOA Partner Community
- PTS

Certus & eProseed teams

ORACLE Platinum Partner