



unvired
Digital Delivered

Mobile Application Development Platform Comparison

Unvired Inc.

Disclaimer: This document has been prepared based on publicly available data of other platform vendors and is subject to change.

Comparison

| Feature | Unvired | Others |
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| Cloud and On-premise | <p>Unvired platform is architected to work both on the cloud and on-premise.</p> <p>Unvired usage modes:</p> <ul style="list-style-type: none"> • Public Cloud: In a public multi-tenant mode. Shared with other companies. • Dedicated / Private Cloud: Dedicated for a single customer. No sharing. • On-Premise: Installed inside the organization's landscape behind the firewall. <p>Unvired cloud platform is truly a distributed architecture which scales horizontally and is available via the Amazon EC2 infrastructure. Unvired cloud provides a failsafe, redundant, scalable and self-healing infrastructure.</p> | <ul style="list-style-type: none"> • Most other platforms are either on-premise versions or on-premise version hosted in a data center. • On-premise version hosted in a data center does not give the true benefits of the cloud. • Hosted version converts capital expenditure to operational expenditure. Total cost is same or more. |
| Deployment Options | <ul style="list-style-type: none"> • Unvired customers can transition between the cloud and on-premise platform very easily without any redevelopment. • Customers mobile strategy can follow their cloud strategy – start on-premise go cloud anytime | - |
| Native Integration with SAP | <ul style="list-style-type: none"> • Unvired provides native integration with SAP i.e. Unvired connects to SAP via SAP BAPIs and RFCs. • Unvired can consume any SAP RFC / BAPI (including Z modules). • Unvired allows field level mapping in SAP RFC / BAPI. • No remodeling or redevelopment of RFCs required in SAP to use | <ul style="list-style-type: none"> • Very few platforms provide SAP native integration. Dependency on web services for SAP connectivity which is not the best way to connect to SAP systems. • Multi-layered RFCs are a challenge and not handled well. • For SAP integration SAP RFCs / BAPIs have to be designed in a specific manner. This often requires redevelopment in SAP even to consume standard SAP |

Mobile Application Development Platforms - Comparison

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| | <ul style="list-style-type: none"> Unvired. Unvired can consume multiple RFCs / BAPIs to create a single logical business entity. Non-intrusive, no change required in SAP, no re-investment. | <ul style="list-style-type: none"> functionality. Call multiple SAP RFCs in a single logical object is not possible. Highly intrusive and requires development on SAP (ABAP or web-services), reinvestment. |
| Support best of breed enterprise solutions | <ul style="list-style-type: none"> Build mobile “mash-up” applications that can connect to multiple enterprise systems. Ex: Build a mobile application creating leads, opportunities, customers, etc. on Salesforce.com and confirmed sales orders and pricing on SAP. | <ul style="list-style-type: none"> Cannot connect to multiple enterprise systems in the same application. Cannot mobilize best of breed enterprise systems in a single mobile application. |
| Business Logic | <ul style="list-style-type: none"> Business logic can be on the backend, on the middleware platform or on the client. Business logic in middleware is very powerful and can achieve complex business scenarios like SAP Pricing, linking Lego blocks, etc. | <ul style="list-style-type: none"> Business logic can be either in the backend or the mobile device. Business logic in the middleware governed by strict rules and has to be modeled in a particular manner. Cannot achieve complex business logic in the middleware platform. |
| Leverage Existing SAP infrastructure | <ul style="list-style-type: none"> SAP customers using the platform on-premise can deploy the platform on SAP NetWeaver (7.x) Java stack. Unvired platform is certified for SAP NetWeaver deployment by SAP. Reuse existing infrastructure for mobility rather than setting up more servers. Huge cost saving. | <ul style="list-style-type: none"> New servers are required to install the mobile platform. Add redundancy, power, maintenance, etc. to the cost. Additional hardware/software cost. Additional maintenance |
| Security from the cloud | <ul style="list-style-type: none"> All data encrypted and separated. Unvired provides a secure agent to enable enterprise connectivity from the cloud in a secure manner. | <ul style="list-style-type: none"> Usually based on VPN technology and requires additional investment in hardware and reconfiguration of firewall / DMZ |

Mobile Application Development Platforms - Comparison

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| | <ul style="list-style-type: none"> Secure agent is deployed within the firewall enabling an outbound SSL connection to the cloud. Access SAP and other systems with local DNS names and IP addresses without any reconfiguration. Audit and control all data transferred over the secure tunnel. | |
| Scalability | <ul style="list-style-type: none"> Scale to 10000s of users from the public or dedicated cloud. Scale as you go without any major pre-planning. | - |
| Enterprise Connection Management | <ul style="list-style-type: none"> Manage enterprise connectivity and load on enterprise systems intelligently from the mobile platform. Enterprise systems are scaled to a certain load. Rapid mobility can stress enterprise systems. Unvired helps customers manage the load from mobile devices smoothly. | <ul style="list-style-type: none"> No such documented feature. Enterprise systems have to be scaled to manage the load from mobile devices or connections have to be denied to the mobile devices. |
| Manage downtime | <ul style="list-style-type: none"> Manage enterprise system down time smartly. No loss of data due to enterprise system downtime. Let mobile users work seamlessly through the downtime. | <ul style="list-style-type: none"> No such listed feature. |
| Data Push | <ul style="list-style-type: none"> Data push from enterprise systems to all mobile devices. Trigger push data from enterprise system so that data push is near real time. Schedule a push from the mobile platform to push data periodically to mobile devices (No polling from | - |

Mobile Application Development Platforms - Comparison

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| | <ul style="list-style-type: none"> device) For Android devices enable data push without any GMAIL id requirement. | |
| Sync | <ul style="list-style-type: none"> Unvired does business transactions during synchronization and NOT database synchronization. Ex: Synchronize a Customer Account creation and a Sales Order creation for that customer as a single business transaction. Database synchronization from mobile to the middleware platform does not provide business control. Seamless exchange of data both synchronously and asynchronously between mobile devices and enterprise systems via the Unvired platform. Do not bother your users about online and offline access. Do not bother users with SYNC button in the application to exchange data. | <ul style="list-style-type: none"> Limited business transaction functionality Mostly database synchronization from mobile device to middleware platform. Mostly synchronous communication. |
| Transport | <ul style="list-style-type: none"> Transport mobile platform configurations from development to test to production systems easily without manual reconfiguration. | No such listed feature. |
| Development and Debugging on the Cloud | <ul style="list-style-type: none"> Enable development and debugging of the mobile applications from the cloud platform without any on-premise infrastructure. Powerful integrated debug environment that enables directly debugging on the | No such listed feature. |

Mobile Application Development Platforms - Comparison

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| | cloud with real time data from SAP and other systems | |
| Free Applications | <ul style="list-style-type: none"> • All Unvired template applications are free for customers. • Get the source code for template applications (Device and Middleware) free, extend for your own functionality rapidly. | <ul style="list-style-type: none"> • In most cases applications need to be custom developed at huge additional cost or purchased at additional cost |
| Free Trial | <ul style="list-style-type: none"> • Free trail of standard SAP and Salesforce.com application from the Unvired cloud. • Trial with customer SAP systems. • Simple steps to get a trial working with customer SAP systems in a couple of days. • Trial of the on-premise Unvired platform with an application based on SAP in less than a week. | <ul style="list-style-type: none"> • No such listed feature with SAP systems. • In many cases access to the software itself takes longer than a month |
| Pricing | <ul style="list-style-type: none"> • Simple and transparent pricing. • Pricing for the cloud version available on the Unvired website. • Pay as you go on the cloud. Do not pay for what you do not use! | <ul style="list-style-type: none"> • Opaque pricing. |