



unvired
Digital Delivered



UNVIRED DIGITAL ENTERPRISE PLATFORM

unvired.com

CONTENT

 OVERVIEW

 TOOLSET

 ARCHITECTURE

 ENTERPRISE CONNECTORS

 MULTICHANNEL ACCESS

 APPLICATION MANAGEMENT

 SECURITY

 DATA PUSH / NOTIFICATIONS

 OFFLINE

 ERROR CONSOLE

 SCHEDULERS & TRIGGERS

 ADMIN COCKPIT

 ABOUT UNWIRED

OVERVIEW

Unvired Digital Enterprise Platform(UDEP) is a Multi-experience Development Platform to build business apps for mobile, web, Chatbots, Wearables, & Mixed Reality (MR).

Low Code App Dev Platform



Drag & Drop components and Process Editor (workflow builder) to build business apps faster.

Omni-Channel



Native mobile apps, web apps, conversational Chatbots, Wearables

Single Platform



B2B, B2C, B2E and M2M scenarios.

Integrate with any System



Out of the Box Connectors for SAP ECC, SAP S/4 HANA, Oracle, ServiceNow, Salesforce, SharePoint, Databases, Active Directory, REST, web services.

Internet of Things (IoT)



Integrate data from sensors

Flexible Deployment Options



Cloud, On-premise, or Public Multi-tenant

Auto Scaling Cloud



Scalable and failsafe

Highly Secure



Enterprise-grade security with encryption

TOOLSET

LOW CODE DEVELOPMENT



Process Editor

Workflow
Builder



User Interface

No Code
Form Builder
for UI



Easy Integration

Drag & Drop
integration with
SAP using RFCs.
Salesforce,
ServiceNow, and
other systems.



Business Logic

Auto Generate
business logic
code for the
server side.

FULL FLEDGED DEVELOPMENT



App Modeler

Unvired App
Modeler. Drag and
Drop data modeling
with data from SAP,
Web Services,
Databases



Quick Mash-ups

Create apps based
on multiple
enterprise systems.



Cross-Platform Development Framework

Single platform to
build apps for web,
mobile, Chatbots,
Wearables

ARCHITECTURE

Unvired Digital Enterprise Platform

Multi Experience Apps



Mobile



Web



Chat



Voice



IoT



Immersive

Platform Components

Micro Services

Run-Time

Integrations / APIs

Platform Services

Notifications

Workflow

Storage

Offline Sync

Security

User
Management

Developer Tools

IDE / Plugins

User
Interface

SDKs

DevOps

App Configuration, Reporting, & Monitoring

SAP® Certified
Integration with SAP® S/4HANA

UDEP is certified by SAP for integration with SAP S/4 HANA and SAP ECC.

ENTERPRISE CONNECTORS

Standard connectors to various enterprise systems.

SAP



Native integration with SAP ECC and S/4HANA. Use all SAP RFCs and BAPIs directly in UDEP.

SAP
GATEWAY



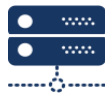
OData integration with SAP Gateway. Use OData services from SAP Gateway in UDEP.

DMS



Connectors for integration Document Management Systems (DMS) like **SharePoint**, **OpenText**, and others.

WEB
SERVICES



Integration with all open systems via Web Services (both REST and SOAP).

IDENTITY
MANAGEMENT



Integrate with LDAP like Microsoft Active Directory for authentication.

DATABASE



Connect to any database using the database connector for direct table / view access or Stored Procedure access.

SCHEDULING
SYSTEMS



Integration with Oracle Primavera API.

SALESFORCE



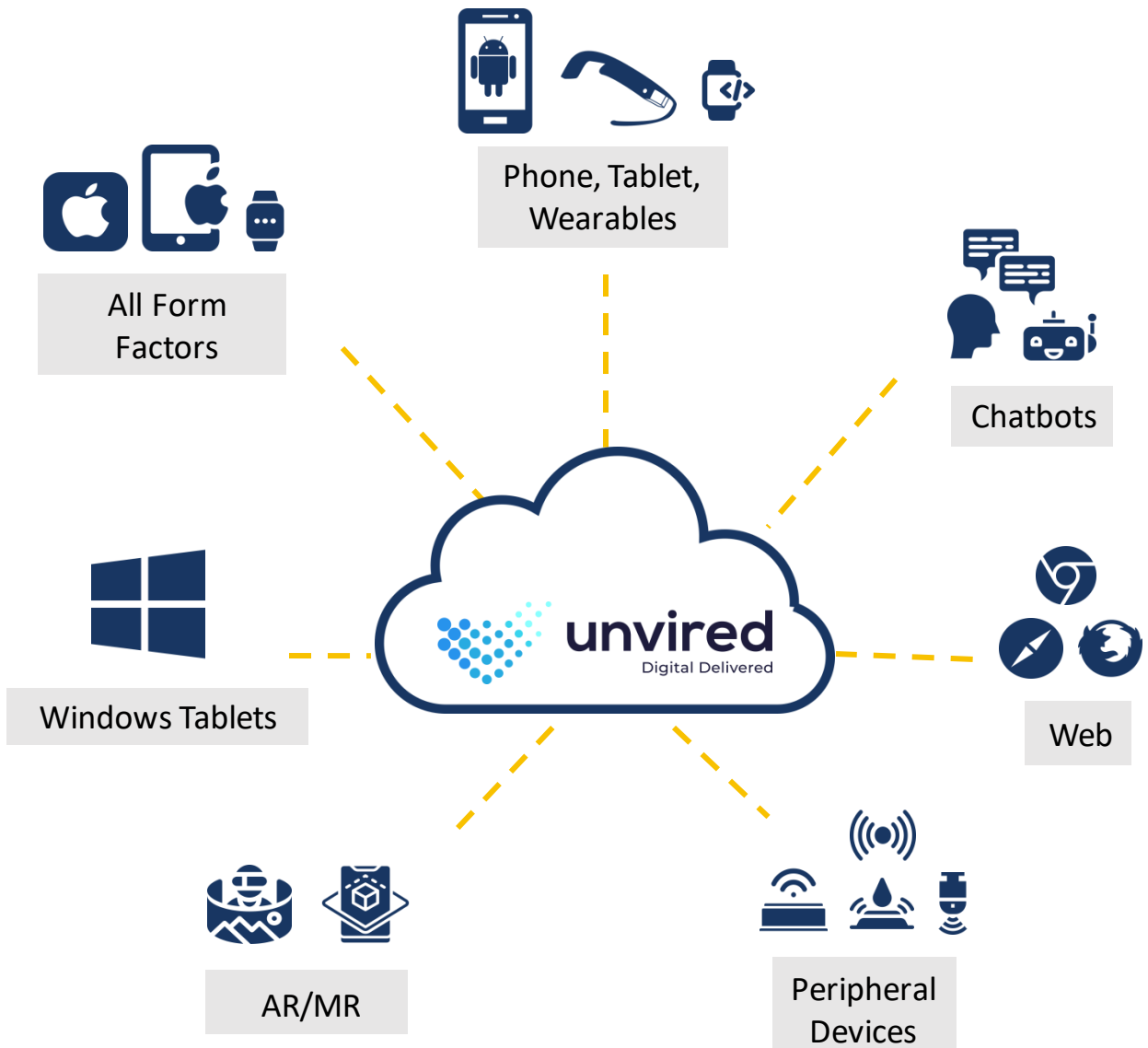
Integration with Salesforce Sales & Service Cloud

BI SYSTEMS



Integration with Business Intelligence (BI) systems like SAP BI, Microsoft Power BI.

MULTI-CHANNEL ACCESS



App Types – Native & Hybrid Mobile, Web, Chatbots, Mixed Reality, and Wearables

APPLICATION MANAGEMENT

Unvired Digital Enterprise Platform offers various features for application management:

USER MANAGEMENT

Manage users who are allowed to use the platform and the apps in the platform.

APP DEPLOYMENT

Deploy applications to specific users controlling access to applications.

DEVICE ENABLEMENT

Enable applications on specific devices controlling access to applications on specific devices for users.

CONNECTION MGMT./THROTTLING

UDEP provides connection management for each enterprise system.

AUTO & ADMINISTERED PROVISIONING

Deploy apps to control access or enable auto provisioning to allow large scale deployments.

ENTERPRISE APP STORE

Manage applications in the built-in app store.

DEVICE TRACKING

Check device OS version, app version, last access date/ time

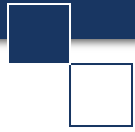
LOCATION TRACKING

Track device location.

REMOTE WIPE

Remotely wipe data in applications for specific users to protect data

DATA SECURITY



Data In-transit encrypted

All communication to the UDEP server is sent over a secure HTTPS/SSL channel. It provides encrypted communication and secure identification of the UDEP server.



Data at rest on the server encrypted

All data is encrypted using unique AES keys with 256 bits key providing maximum possible security.

Data is stored encrypted and protected on the mobile device

The business content that is stored on the mobile device is always AES 256 encrypted and protected using native capabilities of the device.



PLATFORM SECURITY

Data posted from the mobile device is protected with a One-Time token

The data that is posted from the mobile device to the server is additionally protected with a one-time token.

Data which fails the one-time token check is rejected on the server and the mobile application clears itself preventing further use.



Business content stored in UDEP only until delivery

Once the mobile device acknowledges having received the message successfully, the data is discarded. Business content is saved only as long as required.

Audit logs on the UDEP server

Every critical operation performed is logged in the Audit log with the date / time of the operation and the administrator user who performed it. This provides complete track and trace functionality.



Single Sign On

UDEP supports Single Sign On via SAML, OAuth etc.

PLATFORM SECURITY

Only trusted devices can connect to the UDEP server.

The system is centrally administered using the Unvired Cockpit. Only trusted applications that have been uploaded to the platform can be used. Unvired users are typically managed and enterprise devices are assigned by the Administrator (an automatic option is also available). Only such trusted users / devices can use the assigned applications affording complete security of enterprise data.



Data at rest on the server encrypted

All mobile applications work with a centrally configured password policy. This ensures that access to the data and business functionality on the mobile device is available only to authorized and authenticated users.

For devices that support TouchID, security via TouchID (or equivalent) can also be enabled.



Remote wipe of data on lost or compromised devices

UDEP can wipe out the business content from devices that are lost or compromised. This is controlled centrally from the platform server and can be performed by the administrator.



DATA/PUSH NOTIFICATIONS

Support data push / notifications to different mobile devices. Enabled with easy configuration.



OFFLINE



Mobile Offline Access

All data is stored in an encrypted database on device and can be accessed any time.

Any changes that the user makes are saved in the database and automatically synchronized with the server when connectivity is restored.

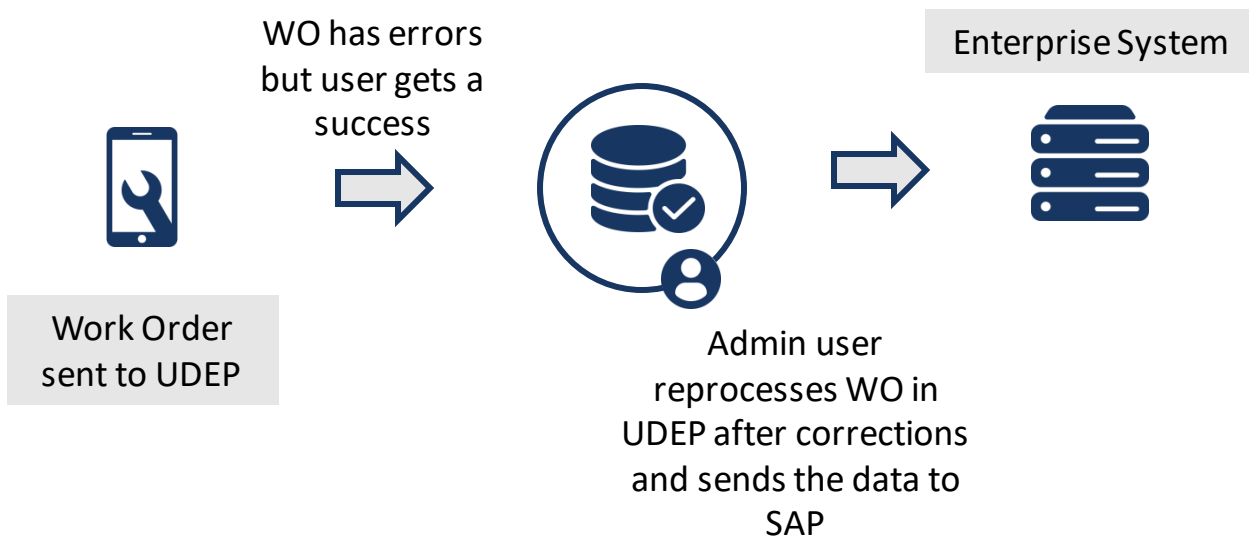


Asynchronous Processing on the backend Server

Transactions posted to systems such as SAP for processing are handled asynchronously. Once the device data is submitted, the device disconnects. The UDEP then posts the data to systems such as SAP etc. and once the processing is complete sends a push notification to the device to pick up the results.

ERROR CONSOLE

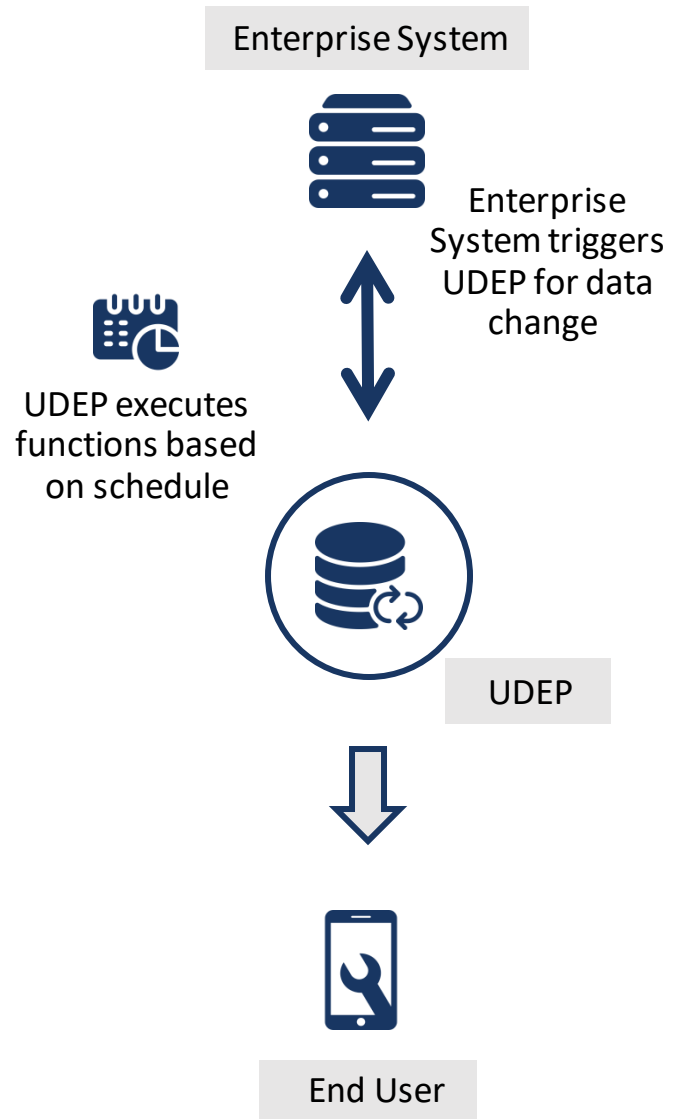
UDEP provides a mechanism to store error data in the Platform so that the errors can be resolved later by a business user / administrator. The business user / administrator can login to the Unvired Admin Cockpit, check the error console, and reprocess after resolving the errors. This ensures that the data is not lost and the mobile app user is not bothered with error resolution.



SCHEDULERS & TRIGGERS

Frequently, it is required to take the data changes in the enterprise systems and push the data to the mobile applications so that the mobile app users do not have to query for the latest information.

UDEP provides Schedulers and Triggers that can help to periodically get information from enterprise systems and push data to mobile apps or other enterprise systems.



ADMIN COCKPIT

Web based Admin Cockpit offers:

- Configurations
- Management
- Monitoring
- Reporting



Reports

Standard reports to check:

- App usage
- Device usage
- Data upload and download size
- Location tracking
- Data flow monitoring



Monitoring – Device

UDEP allows data flowing between enterprise systems or between enterprise systems and mobile devices to be monitored for troubleshooting.



Audit Logs

All configuration changes to the UDEP and applications are logged for an audit trail.

REFERENCE CUSTOMERS



SAP Customers

Kaneka Americas -Houston, Texas, USA (Chemicals)
Precision Drilling -US and Canada (Oil & Gas)
WEL Networks, New Zealand (Utilities)
ABInBev -South Africa (Beverages)
Coca Cola -South Africa (Beverages)



Non-SAP Customers

Samson Rope Technologies Inc.-USA (Manufacturing)
Scanning Solutions-Houston, TX, USA (Retail)
UNEE Group-Houston, TX (Tank Storage/Ports)

ABOUT UNWIRED

Unwired Enables Digital Transformation resulting in Enhanced Competitive Advantage for Enterprises both large and small globally.

Unwired is a Digital Solutions provider of Mobile & Web Applications, Digital Forms, Mixed Reality, and AI-enabled Chatbots for Enterprises. Headquartered in Houston, TX, and with customers in N. America, Europe, South Africa, and APAC, Unwired is committed to helping businesses by rapidly building and deploying high-performance business apps that enhance competitive advantage. Unwired is a certified SAP partner.

Unwired Inc.

1301 Fannin, Suite 2440
Houston, TX 77002
unwired.com



sales@unwired.com



+1(713) 560 2760