

Power of Your SAP ERP Extended

Reports and Dashboards on your Mobile
Device



mDashboards Advantage

ARTERIA

THE BEST-RUN BUSINESSES RUN SAP™





- Arteria Technologies – An Introduction
- mDashboards Advantage – Value Proposition
- Features
- Demo
- Technical Architecture & Implementation Details
- Summary

INTRODUCTION

- An SAP Software Solution and Service Partner based out of International Tech Park, Bangalore.
- Arteria is exclusively focused on Services and Products on SAP NetWeaver platform and help customers leverage the potential of SAP Net Weaver.
- We have over 150 SAP consultants based covering Technical and Functional skills
- Management team is **ex-SAP Labs** with several years of development, implementation and consulting experience.
- Key members holds patents in Financial Services domain (during their tenure with SAP).
- ISO 9001:2000 and ISO 27001:2005 Certified on all SAP projects, Arteria is on its way to achieving SEI CMM Level 3 Certification.

CREDENTIALS

- SAP NetWeaver Services partner in India.
- Awarded the “Best SAP NetWeaver Process Integration Partner 2007” for APJ.
- First and only partner to have a SAP certified NetWeaver Mobile Client
- SAP ISV with certified products and xApps Partner. Solutions have been developed with SAP India’s guidance and are certified by SAP Labs.
- SAP Co-Innovation Labs (COIL) partner in Bangalore.
- Arteria engages with SAP Labs and RIG for product feedback and enablement in emerging technologies like Interactive Forms and NetWeaver Mobile.
- SAP ePartner Certification solution Provider (Helps ISV in development and certification of their products).





NetWeaver based Products

- SupplierConnect Advantage
- DealerConnect Advantage
- SecondarySales Advantage
- Interactive Advantage
- Dashboards Advantage

Products on Mobile

- mApprove Advantage
- mDashboards Advantage
- mSalesForceAutomation Advantage

Productized Services

- ECM Advantage
- EDI Advantage
- SolMan Advantage

SAP NetWeaver Expertise

- SOA Consulting
- SAP NetWeaver Process Integration & B2B EDI
- SAP NetWeaver BW, CE, Portal, Mobile and MDM

Solution Extensions Expertise

- SAP Interactive Forms by Adobe
- SAP Archiving and Document Access by Open Text
- Seeburger EDI Adaptors
- Test Data Migration Server (TDMS)
- SAP BusinessObjects

Other Expertise

- SAP ABAP Custom & RICEFW Development
- SAP BASIS Services
- SAP Technical Upgrade
- Post Go-Live technical support

Customers



ADANI



Noida Power Company Ltd.



Business Problems

- **Missed Business Opportunities** due to delay in timely action because of lack of real time information from SAP ERP
- **Poor Decisions taken by executives** on the go as they do not have critical business information from SAP BI required for the decisions

Solution – mReporting Advantage

- **Real-Time information on Mobile from SAP ERP** enables executives to take timely action on business events
- **Critical Business Information on Mobile from SAP BI** enables executives to take informed and better decisions
- **Mobilize “any” SAP ERP Standard /Custom Report** within hours and NOT months
- **Single Solution to Mobilize reports from SAP ERP and SAP BI** independent of the version

Business Problems

- **Mobilizing SAP ERP Standard Reports take lot of time and cost**
- **NO Single Solution that mobilizes both SAP ERP and SAP BI reports while being version independent**

Technology

- SAP Netweaver Mobile 7.1
- Device Applications on native device languages
 - S60 – J2ME (LWUIT)
 - Blackberry – BB API/s based on J2ME
 - Windows – .Net Compact Framework
- Compatible with SAP ERP (Any version) or SAP R/3 and can support non SAP backend as well using SAP PI

State of the Art Mobile Reporting Framework

- Mobilize “any” SAP ERP or SAP BI Report within hours and not Months
- Configuration for Report Distribution List
- Configuration for Reports Distribution Schedule
- Configuration to quickly modify the report layout from SAP itself

Next Generation Mobile Client

- Support for Blackberry, Windows Mobile and Symbian S60 J2ME devices
- Reports available offline and in on-demand mode
- Support sorting, filter, totals on the fly
- Ability to display both text and graphical reports

Pre-Configured Reports

- The solution comes with following Preconfigured Reports
 - Daily Production by Plant
 - Cash Flow
 - Current Inventory Position
 - Daily Customer Collection
 - Customer Outstanding
 - Top Customers
 - Daily Billing
 - Daily Dispatch
 - Sales Volume (BW)
 - Material Analysis

Secure

- Two factor authentication ensures the data on the device is secure
- The data transfer between Device and Mobile Server is using HTTPS ensuring maximum security in data transfer

For Blackberry Devices it Leverages on BES MDS

- Increase IT productivity by streamlining BlackBerry deployments and reducing administrative tasks
- Provide Greater control and manageability of BlackBerry devices
- Brings in Industry-leading security features that meets strict IT requirements for information integrity and confidentiality

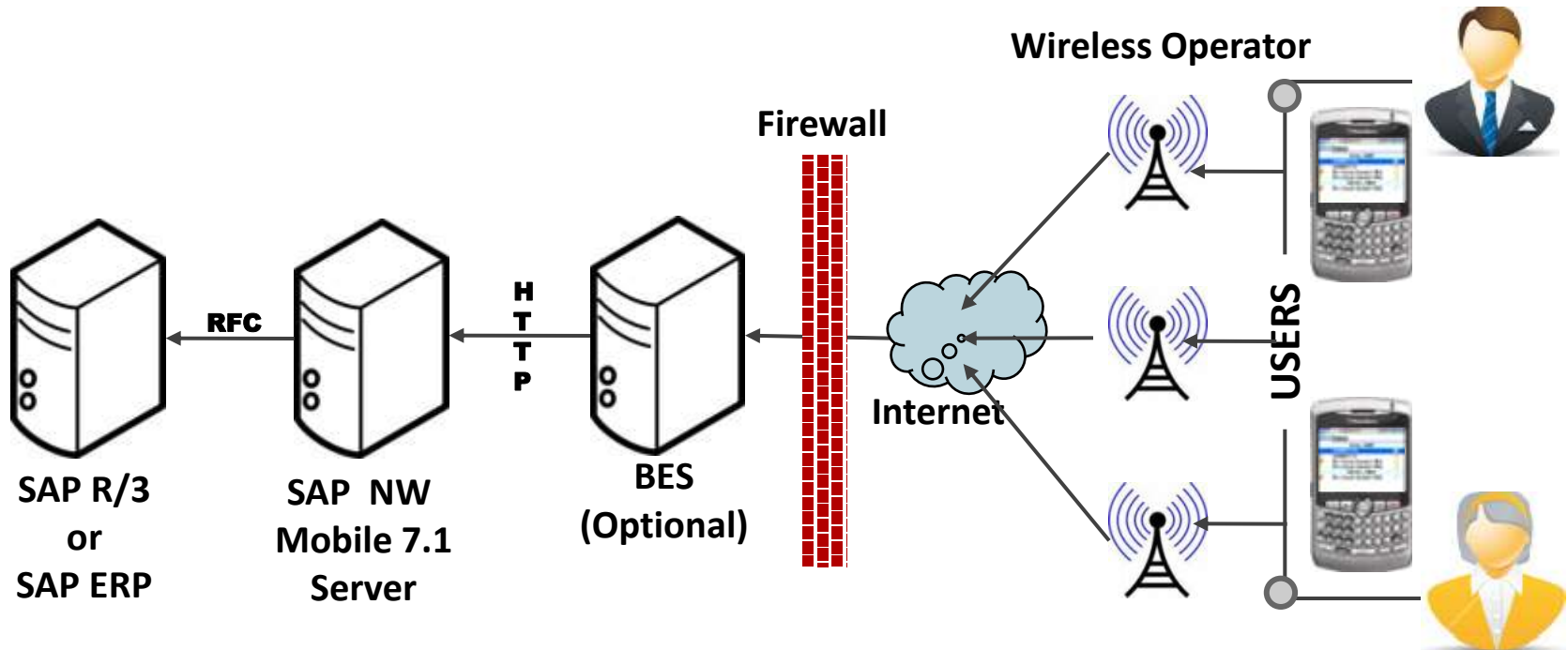
Rapid Deployment and Management

- The solution can be rapidly deployed within days and any existing report can be mobilized within hours
- Re-use existing and standard reports without making any code changes
- Mobilization of Report with Configuration means less dependency on IT Team
- Updated Information is distributed automatically

DEMO



Technical Architecture and Implementation Details



Solution Implementation

- Easy to deploy (Rapid Go-Live) in 2-4 weeks
- Easy to enhance and add functionalities
- Can be extended to all Mobile Device platforms

Security

- Authorization framework – Adheres to SAP Authentication schemes
- Monitoring tools to track flow of data between the mobile device and mobile server
- Transmission of data over secure channel

Device Management

- For BES installations, the device management is configured using native features.
- For non-BES scenarios and additional security, SAP NetWeaver Mobile Device Management and Arteria's Mobile Advantage platform have features to secure business critical data

Security Scenarios

Scenario	Features
Device Left Unattended or falls in wrong hands	Application Password
Employee Resigned without Proper Exit or absconding along with the device	User Validity Check on Application Login to check if the user is still a valid employee
Device Lost	User Validity Check on Synchronization to check if the user is still a valid employee
Device Stolen	SIM Validity Check to ensure that only authorized SIM cards are allowed.
Trojan Software on Device	Signing the persistent Store

mDashboards Advantage: Benefits Summary



mDashboards is a SAP Netweaver Mobile 7.1 based single reporting client for receiving real-time critical business information on the go from your SAP ERP and SAP BW systems. The application is supported on the popular Symbian S60 devices like Motorola, Nokia, Sony Ericsson, LG, Samsung, etc. and smart phones from Blackberry and Windows Mobile.



Reports on Mobile

- Reports and Dashboards that allow businesses visualize data on mobile and present critical alerts and information from SAP ERP and BW.
- Solution to broadcast to mobile with ability to perform sort, filter, sum and view graphs on mobile.



Secure and Feature Rich

- Inbuilt security features to protect data.
- Pre-delivered ABAP code for commonly used reports.
- Rapid Mobilization of existing report without any development ensures Rapid ROI



Lower TCO

- Single Platform: Runs on SAP NetWeaver
- Support for Blackberry, Symbian S60& Windows mobile devices.
- Rapid Go-Live of 2-3 weeks: Existing SAP ERP named users can start accessing workflows.

Thank you for your Attention!

CONTACT US @

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Device OS (device should have GPRS Connection)

OS	Version
Blackberry	> 4.2.1
Windows	> 6.0
Symbian	> S60 3 rd Edition

Device Space

Application	Installation Space	Message Size
mApprove	300 KB	5KB / workflow
mDashboards	700 KB	5 KB for 1 report with 5 lines and graph
mSFA	1.2 MB	10 KB / message

Appendix: NWM 7.1 OS/DB (Jan 2010)



	Windows				AIX	HP-UX			Solaris		Linux Suse SLES9, SLES10, RedHat EL 4/5				IBMI	z/OS
	Server 2003 on x64 (64-bit)	Server 2003 on IA64 (64-bit)	Server 2008 on x64 (64-bit)	Server 2008 on IA64 (64-bit)	5.3, 6.1 (64-bit)	11.11 on PA-RISC (64-bit)	11.23, 11.31 on PA-RISC (64-bit)	11.23, 11.31 on IA64 (64-bit)	9, 10 on SPARC (64-bit)	10 on x64 (64-bit)	on x86_64 (64-bit)	on IA64 (64-bit)	on power (64-bit)	on System z (64-bit)	5.4, 6.1 (64-bit)	1.7, 1.8, 1.9 (64-bit)
Oracle 10.2	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
SQL Server 2005	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-
SQL Server 2008	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-
DB2 LUW V9.5	X	X	X	-	X	-	X(*)	X	X	-	X	-	X	-	-	-
MaxDB 7.6	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
MaxDB 7.7	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
DB2 for i 5.4, 6.1	APP	-	APP	-	-	-	-	-	-	-	-	-	APP	-	X	-
DB2 for z/OS V8, V9	APP	-	APP	-	APP	-	-	-	-	-	APP	-	-	APP	-	HA DB

Legend:

(*) DB2 for LUW V9.5 on HP-UX 11.31 on PA-RISC not available

X	Available for DB and APP
Qx	Planned for Qx
-	Neither supported nor planned

APP	Not for DB server. NetWeaver Application Server only
DB	Database Server only
HA	High Available Solution only. OS on 64-bit only
New installations on Unicode only. Non-Unicode available for upgrade only. Non-unicode is not available on Solaris x64.	

