

SAP Data Volume Management



DVM Portfolio

Methodologies - Processes - Services
Overview

DVM Global Team
October 2009

Agenda



1. **DVM Methodology**
2. DVM Roadmap
3. DVM Service Portfolio
4. DVM Service Portfolio for Enterprise Support

Purpose

SAP Data Volume Management is a holistic **methodology, service and tool portfolio** for landscape solutions, avoiding critical system situation thru early monitoring and reduction of data volume increasing (size and growth)

Concept

SAP DVM covers the **Application (ALM)** and **Information Life Cycle (ILM)** by support of the Assessment, Implementation, Operation and Continuous Improvement of a Data Management and Archiving strategy (DVM Strategy)

- DVM as a strategic asset is considered in **IT-Strategy**
 - by a **Corporate DVM IT-Strategy / Police**
- DVM supports the **implementation** of a DVM Strategy
 - as **pro-active** measure during Solution Implementation
 - as **re-active** measure during Solution Operation
 - as **ILM enabled** Solution (ILM: Information Lifecycle Management)
- DVM supports the **operation and continuous improvement** of a DVM Strategy
 - By regular monitoring and trend analysis
 - By assessments and reviews as part of quality assurance
 - By optimization and adaptation of the DVM strategy

Scope

- Evaluation of the requirements and definition of the DVM scope
- Implementation, optimization and operation of DVM Strategy (reduction data volume size and growth)
- monitoring data volume on regular basis with trend analysis for continuous improvements
- Quality Assurance at defined Quality-Gates, Knowledge Transfer by Empowering and Expert on Demand
- Expert Monitoring of High-end solutions, Information Life Cycle Management, customer development
- strategic DVM IT-Planning (architecture, process procedures, policies,)

Value Proposition

- Risk mitigation thru DVM as an essential element of the IT-Strategy
- Risk mitigation thru early identification of unusual data volume increase with expert guidance how to reduce the data growth and data volume
- TCO reduction by early monitoring and control of data volume growth using best practices and E2E operation standards

Results

- Establishing a **Corporate DVM IT-Strategy/ Policy** in accordance with the customer organization and business processes as a guideline and policy for implementation and operation of a DVM strategy
- Establishing a business process & legal compliant **DVM Strategy** in solution implementation and / or solution operation with
 - Concept for the data reduction
 - Concept for the data management of archive access data (archive index data)
- Establishing a **DVM Cockpit** for monitoring the data growth on regular basis, alerting, automatic saving potential calculation, customer individual trend-analysis and reporting for continuous improvements

Scope of Operational Areas

- Application (ALM) & Information (ILM) Life-Cycle
- SAP Standard E2E Solution Operations
- Enterprise Support (**SUGEN KPI10**)
- Run SAP & Product Support for Large Enterprises (PSLE)
- MaxAttention & Safeguarding

Scope of Reduction Methodology

- DVM Methodology (Standard)
 - Data Avoidance (Data Prevention) } **Reduction of Data Volume-Growth**
 - Data Summarization (Data Aggregation) }
 - Data Deletion } **Reduction of Data Volume-Size & -Growth**
 - Data Archiving }
- DVM Business Process Analysis
 - Business Process Re-Design

Scope of DVM Utilization

- TCO Reduction
 - System Resources (e.g. hardware costs for disks, CPU, memory or administration costs)
 - Performance (e.g. response time dialog mode)
 - System Availability (e.g. shorter backup, recovery runtime)
- System Downtime Minimization (Near Zero Downtime)
 - System Migrations/Conversion (e.g. Merge, Split, Unicode, Currency Transition)
 - System Upgrades (e. g. easier & faster)

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The DVM Roadmap covers in the phases

■ Assessment & Scoping

- The definition of general scope of DVM
- The scope of DVM Strategy
- The scope of DVM IT-Planning
- The scope of DVM System Decommissioning
- The scope of DVM for Upgrade by Upgrade Assessment

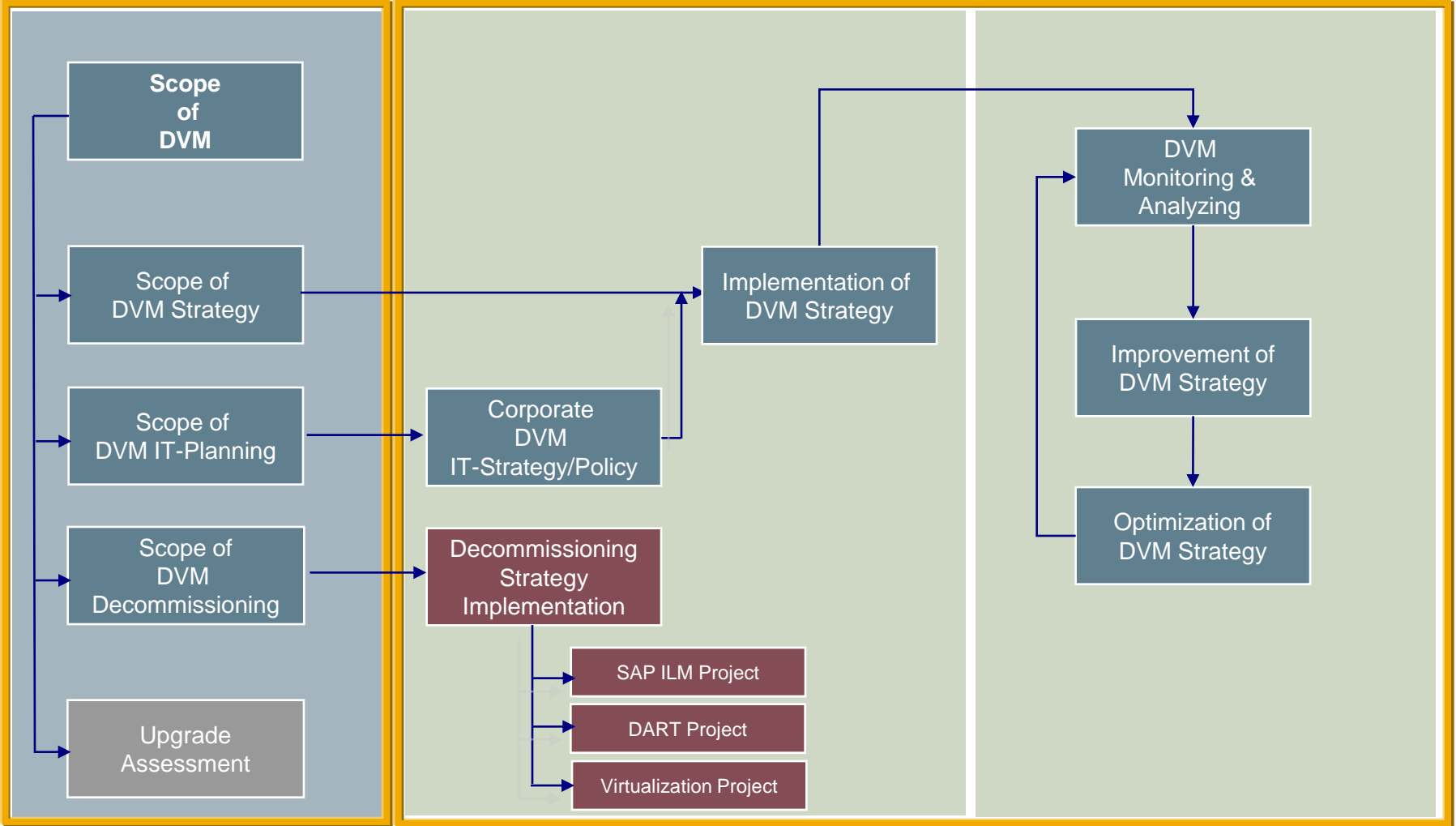
■ Implementation

- The implementation of the DVM Strategy
- The implementation of the corporate DVM IT-Strategy / Policy

■ Operations & Optimization

- The monitoring and analysis of data volume size and growth as basis for
- The improvement / review of the DVM Strategy and
- The optimization of the DVM Strategy

DVM Roadmap



DVM Roadmap: Implementation & Optimization of DVM Strategy



Assessment &
Scoping

Implementation / Optimization

Operations

Scope of
DVM Strategy

Upgrade
Assessment

Roadmap
DVM Strategy
Implementation

Corporate
DVM
IT-Strategy/Policy

Roadmap
DVM Strategy
Optimization

Implementation / Optimization DVM Strategy

Project
Preparation

Blueprint / Design

Realization

Final
Preparation

Go-Live &
Support

Corporate
DVM
IT-Strategy/Policy

DVM
Operating
Manual

DVM Roadmap: Tasks of Implementation & Optimization DVM Strategy



Implementation & Optimization

Implementation & Optimization DVM Strategy

Project Preparation

Project Order

Project Team-Building

Project Kick-Off

Project Plan & Milestones

Project Organization

Blueprint / Design

Technical Blueprint

Business Blueprint

Archive-Access & Display Concept

Content-Server Concept

Realization

Customizing Data Reduction

Content-Server Configuration

Archive-Access & Display Function

Implementation Extensions

Integration Tests

Final Preparation

Notes Evaluation & Implementation

Transporting Settings

Maintain Variants

Functional Tests

Mass Tests

Knowledge-Transfer

Go-Live & Support

Transfer to Live Operations

Data Clean-Up

Post-Processing

Long-Term Data Reduction Schedule Plan

DVM Operating Manual

Agenda



1. DVM Methodology
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3. **DVM Service Portfolio**
4. DVM Service Portfolio for Enterprise Support

The DVM Service Portfolio covers the following services and tools

■ DVM Scoping Service

- Scope of the DVM Strategy
- Scope of the DVM IT-Strategy
- Scope of the System Decommissioning Strategy

■ DVM Strategy Implementation Service

- implementation of the DVM Strategy (focused on the blueprint/design phase)

■ DVM Cockpit (Tool)

- monitoring with alerting of the data volume size and growing on regular basis
- Analyzing (trends) of the data volume size and growing on regular basis
- Trend-analyses in accordance with customer scenarios

■ DVM Strategy Best-Practice Self-Service (Tool)

- optimization of the DVM Strategy based on DVM Best-Practice Session (focused on blueprint/design phase)

The DVM Service Portfolio covers the following services

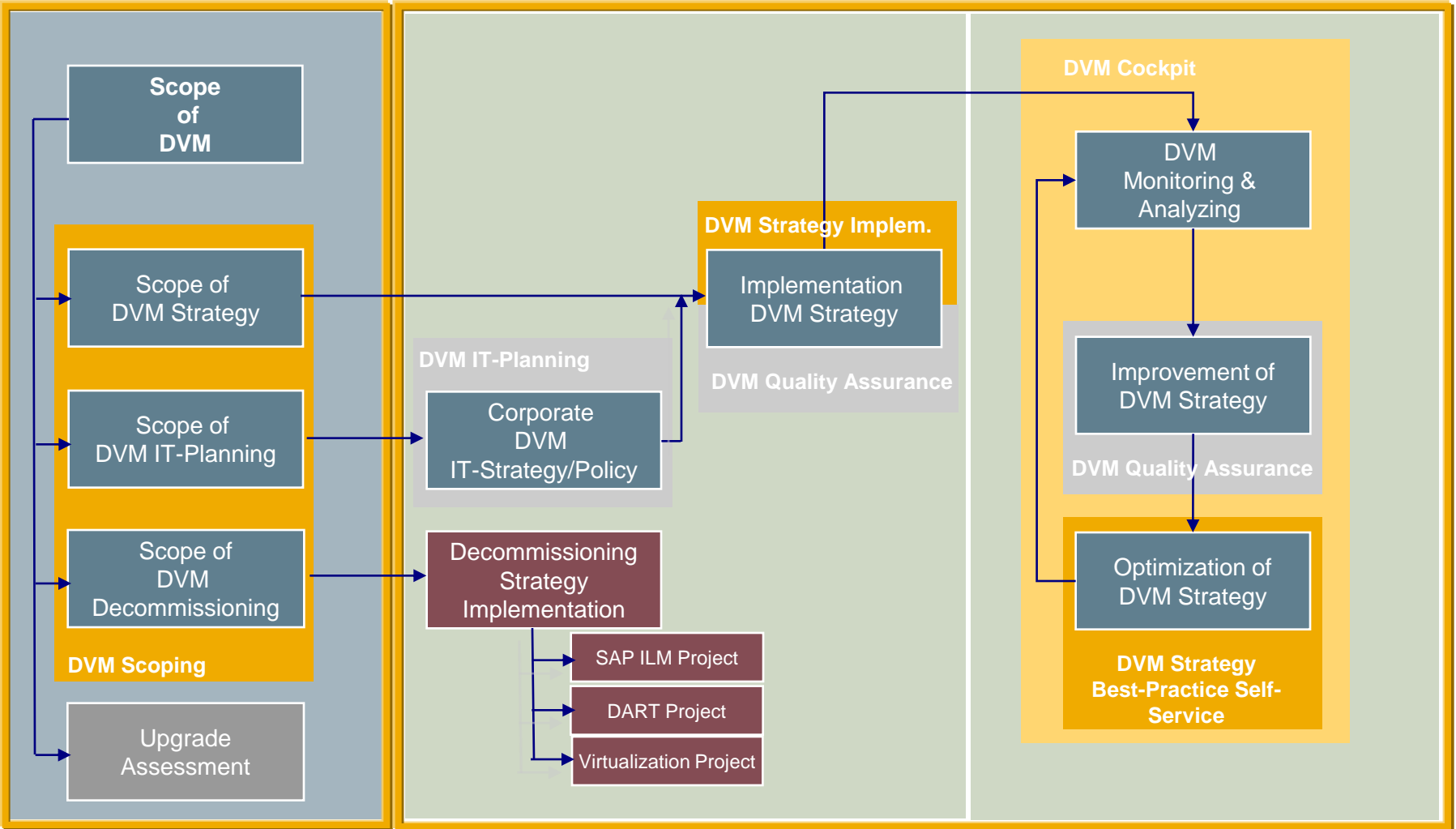
■ **DVM IT-Planning Service**

- **DVM Scoping Workshop for planning DVM Strategy implementation**
- **Corporate DVM IT-Strategy / Policy implementation**

■ **DVM Quality Assurance Service**

- **Improvements / reviews of DVM Strategy**
- **Knowledge transfer by DVM Empowering**
- **Special DVM solutions by Expert on Demand**
(e.g. DVM Performance Analysis, DVM Operating Manual, DVM high-end solutions...)
- **Applicable during**
 - the implementation of DVM Strategy (covering all phases except blueprint/design phase)
 - the operations for the improvement of DVM Strategy

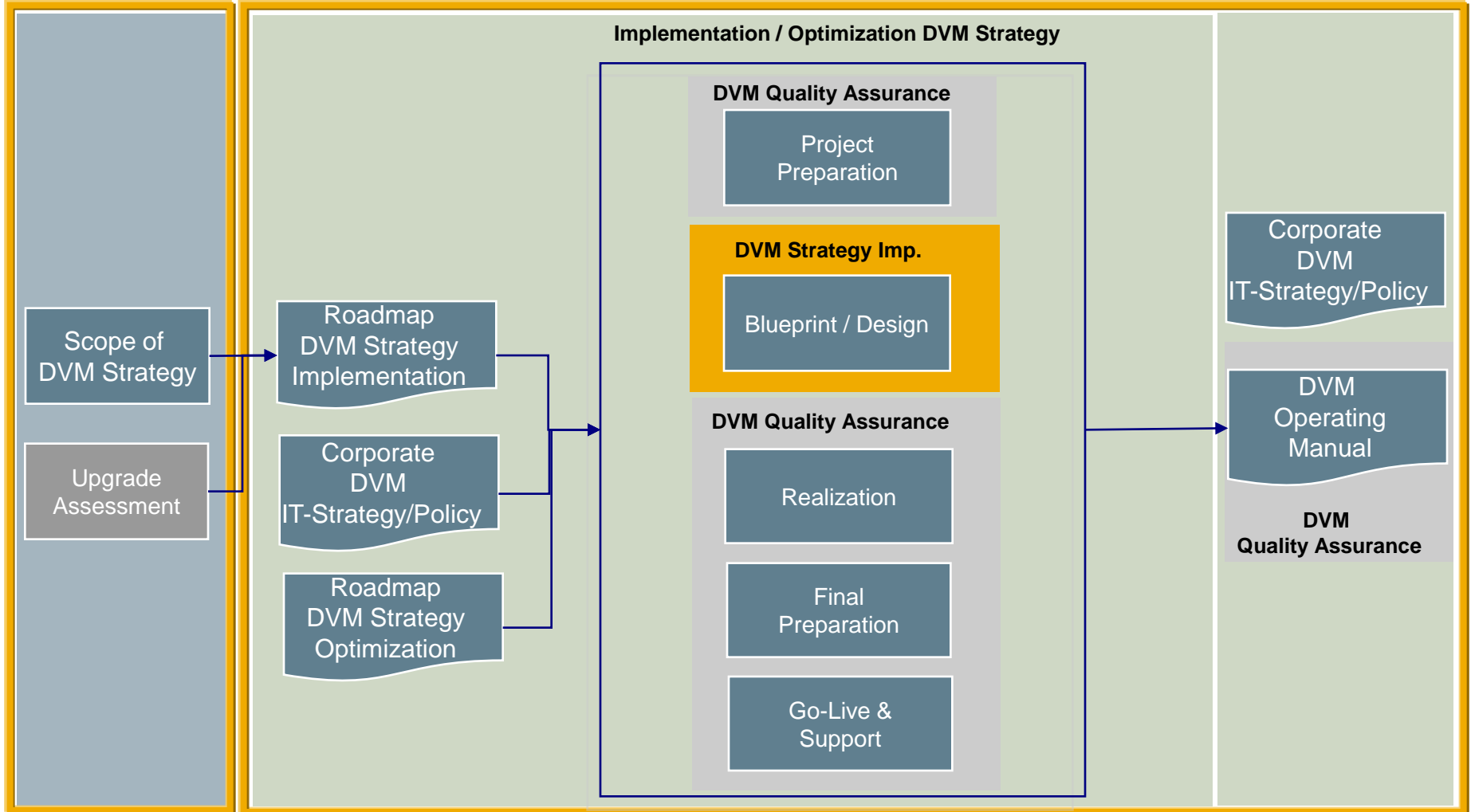
DVM Service Portfolio



Assessment & Scoping

Implementation / Optimization

Operations

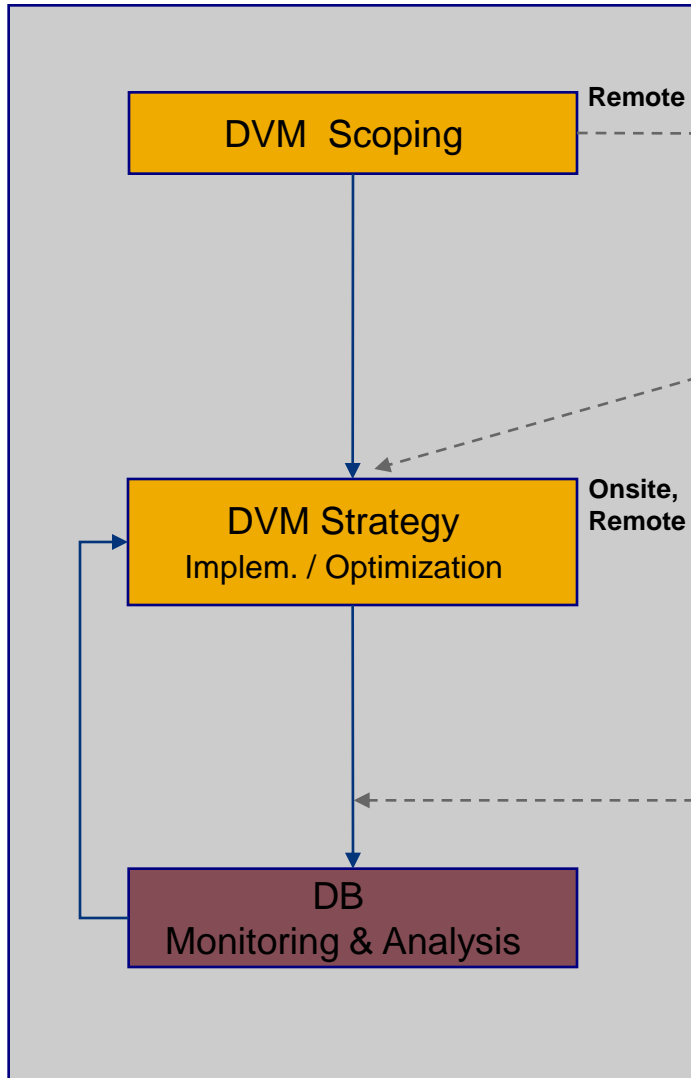


The DVM Service & Tools Portfolio is divided in

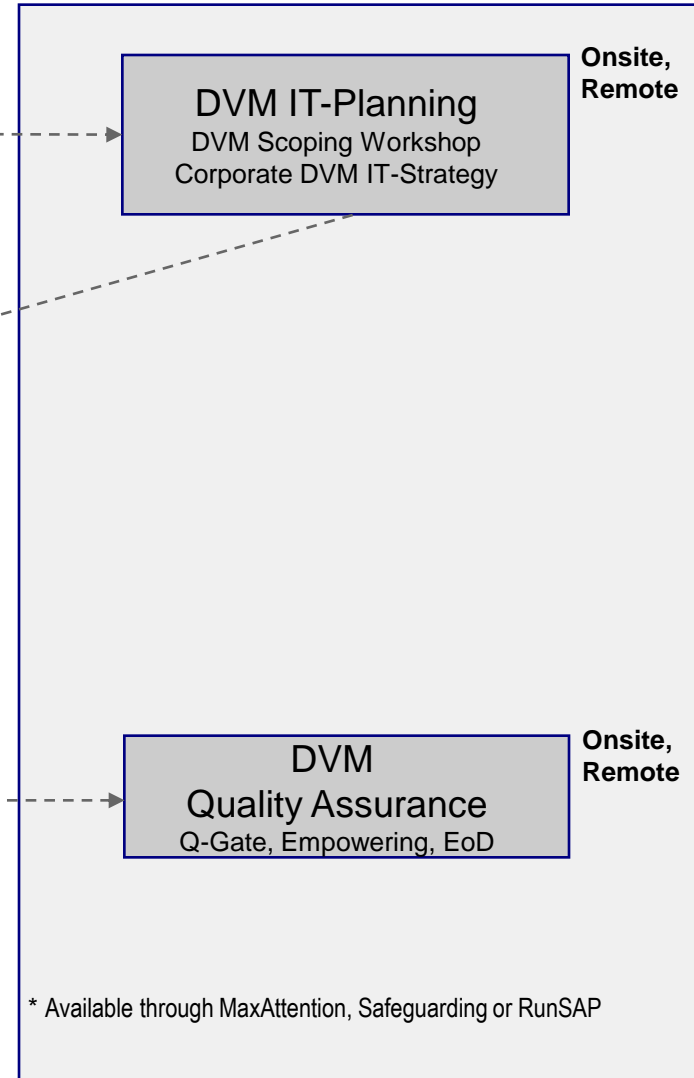
- **DVM Standard Services** covering
 - **DVM Scoping Service**
 - Scope of the DVM Strategy
 - **DVM Strategy Implementation Service**
 - implementation of the DVM Strategy (focused on the blueprint/design phase)
 - **DVM Cockpit (Tool)**
 - **DVM Strategy Best-Practice Self-Service (Tool)**
 - optimization of the DVM Strategy based on DVM Best-Practice Session (focused on blueprint/design phase)

- **DVM Enhanced Services** as support for the DVM Standard Services covering
 - **DVM IT-Planning Service**
 - **DVM Quality Assurance Service**
 - **DVM Set-Up Services** for DVM Cockpit and DVM Best-Practice Self-Service
 - **DVM Scoping Services** for DVM IT-Strategy and DVM System Decommissioning

DVM Standard



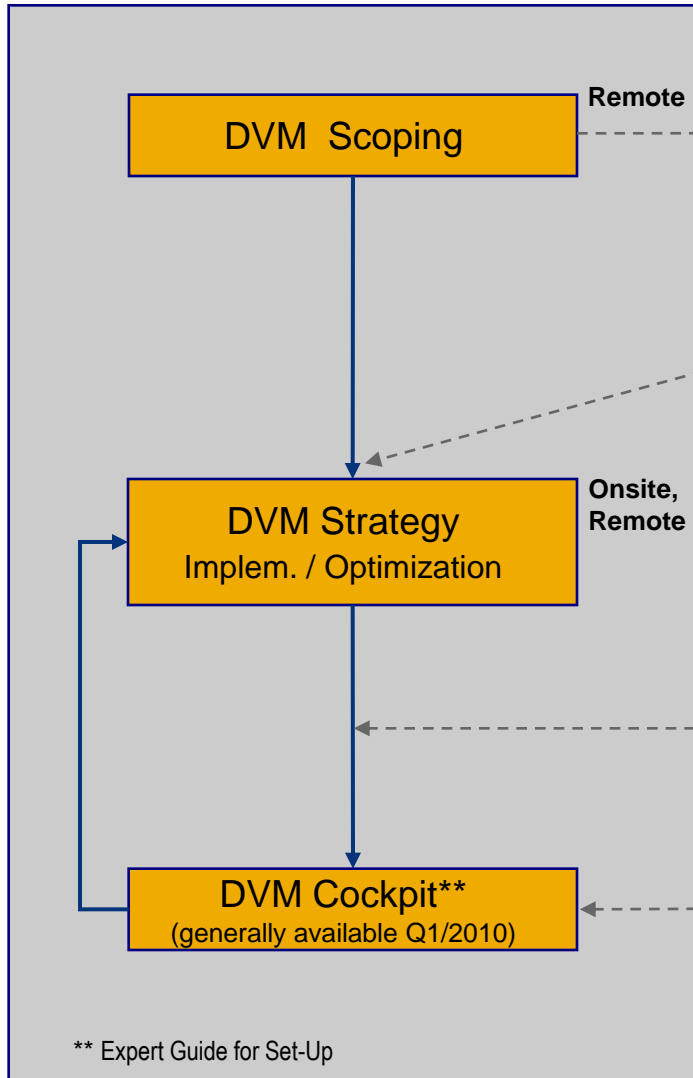
DVM Enhanced*



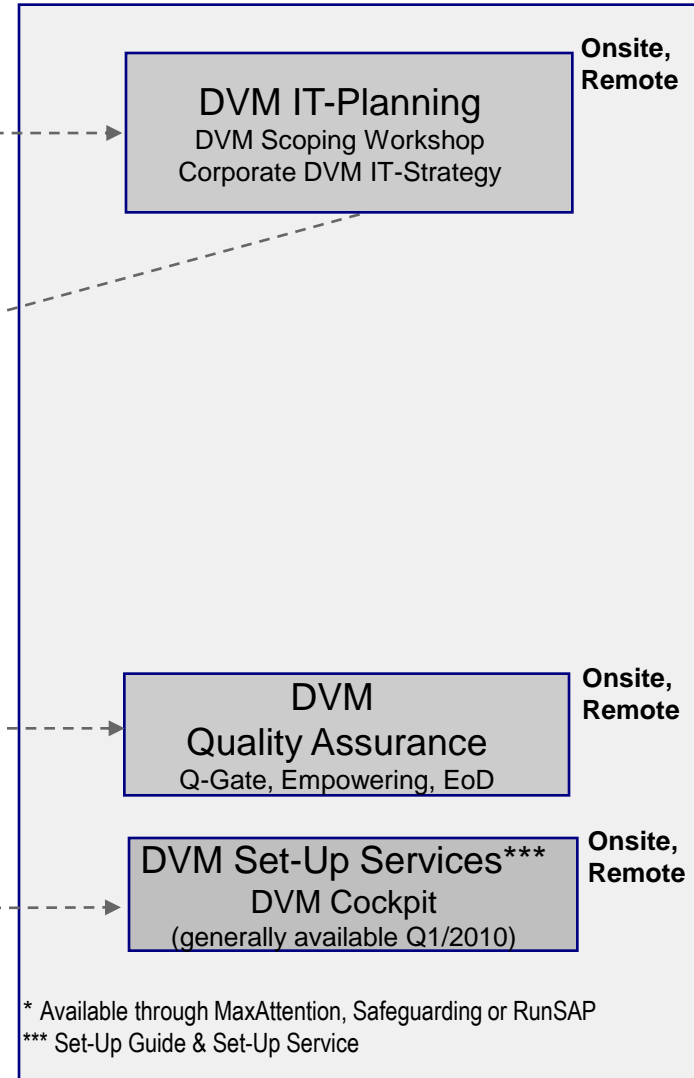
* Available through MaxAttention, Safeguarding or RunSAP



DVM Standard



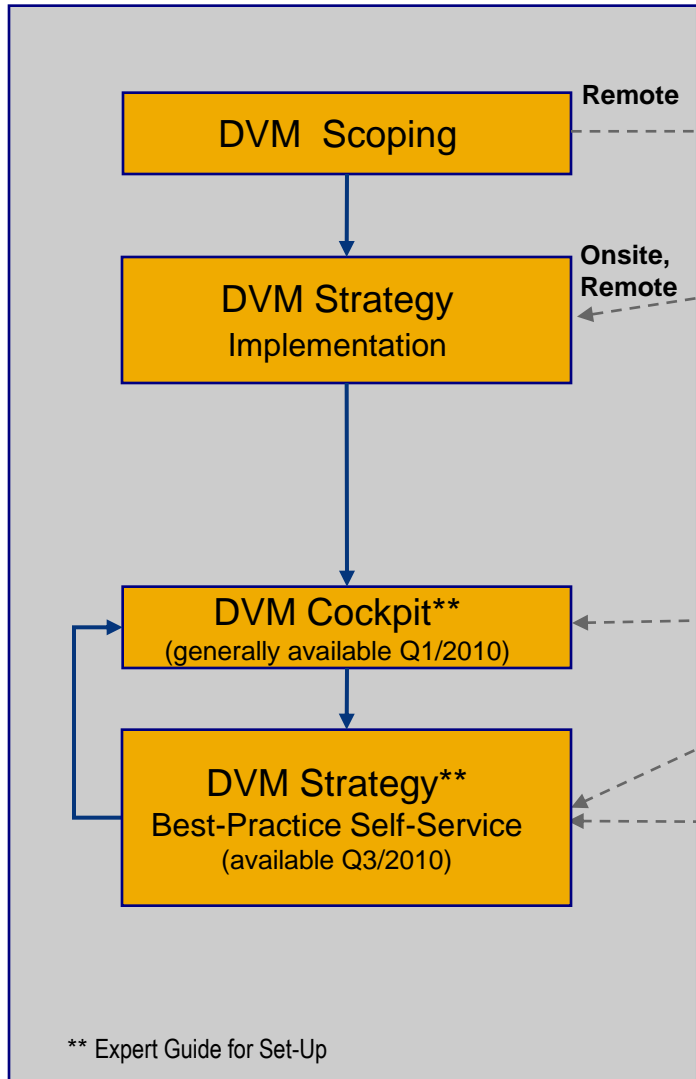
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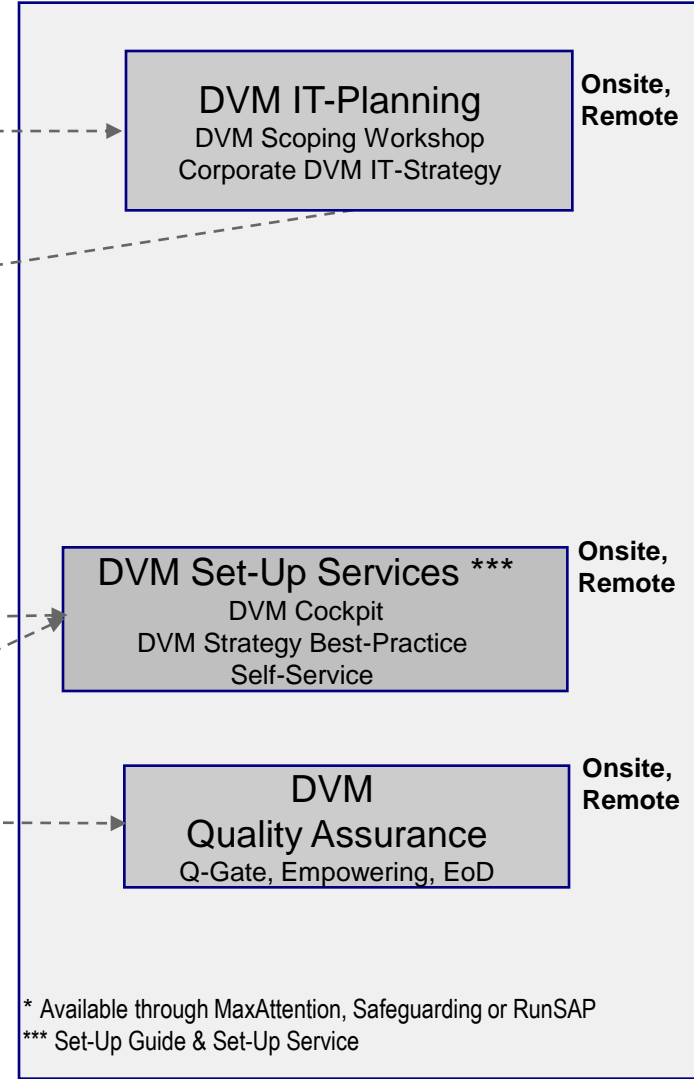
DVM Service Portfolio - Q3/2010 -



DVM Standard



DVM Enhanced*



Agenda



1. DVM Methodology
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4. **DVM Service Portfolio for Enterprise Support**

DVM Service Portfolio for Enterprise Support



*The DVM Service Portfolio for **Enterprise Support** covers the following services and tools*

- **DVM Scoping Service**
 - Scope of a DVM Strategy (re-active mode)

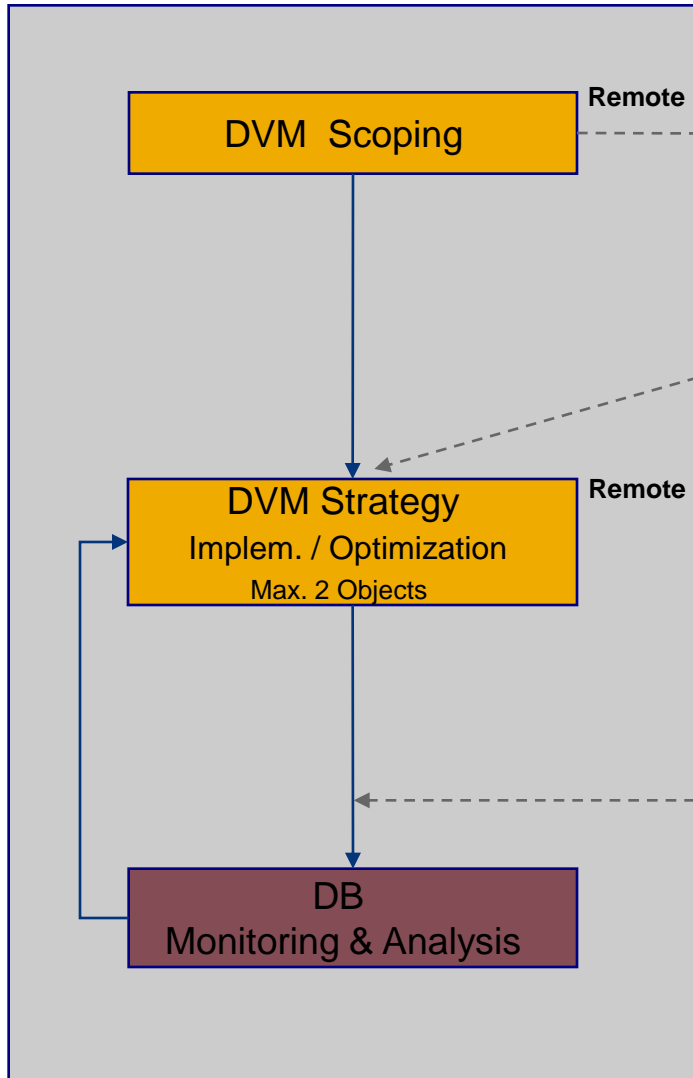
- **DVM Strategy Implementation Service**
 - Limited on max. 2 objects

- **DVM Cockpit (Tool)**
 - monitoring with alerting of the data volume size and growing on regular basis
 - Analyzing (trends) of the data volume size and growing on regular basis
 - Trend-analyses in accordance with customer scenarios
 - (available up Q1/2010)

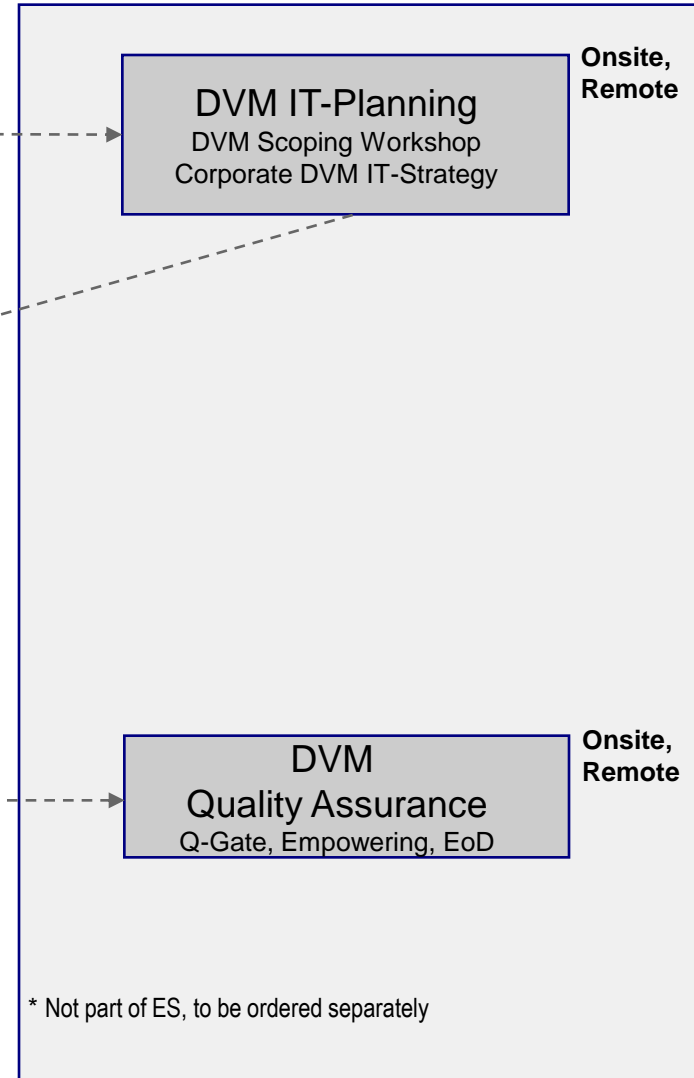
- **DVM Strategy Best-Practice Self-Service (Tool)**
 - optimization of the DVM Strategy based on DVM Best-Practice Session (focused on blueprint/design phase)
 - (available up Q3/2010)

*The DVM Service Portfolio for **Enterprise Support** can reinforced by the DVM **Enhanced Services** (not part von Enterprise Support Services)*

DVM Enterprise Support

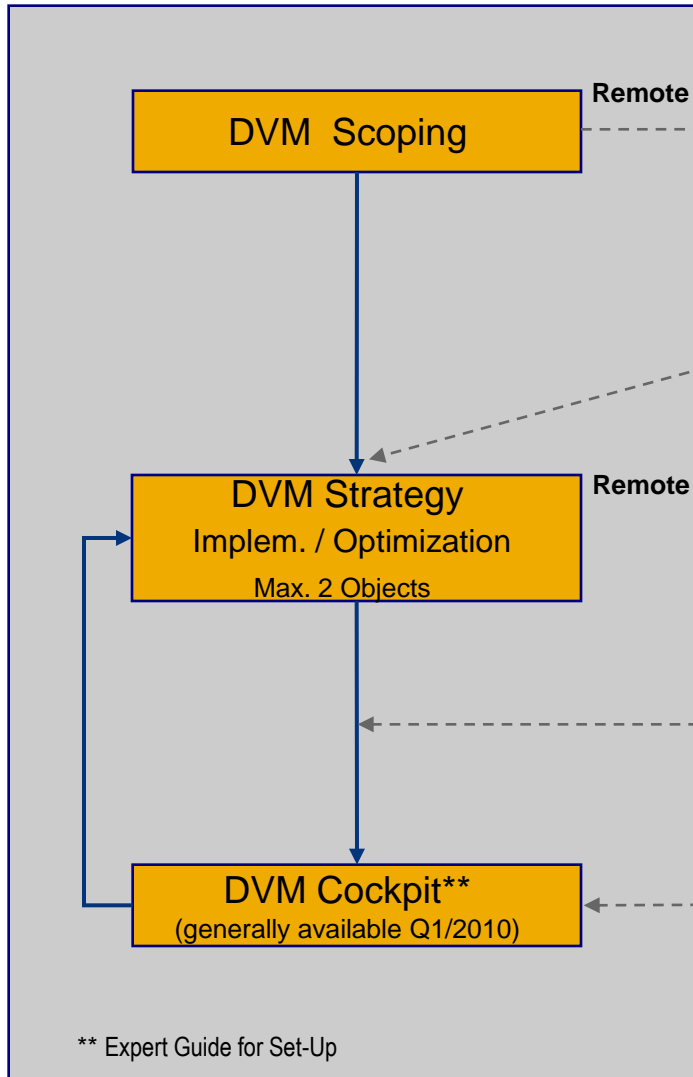


DVM Enhanced*

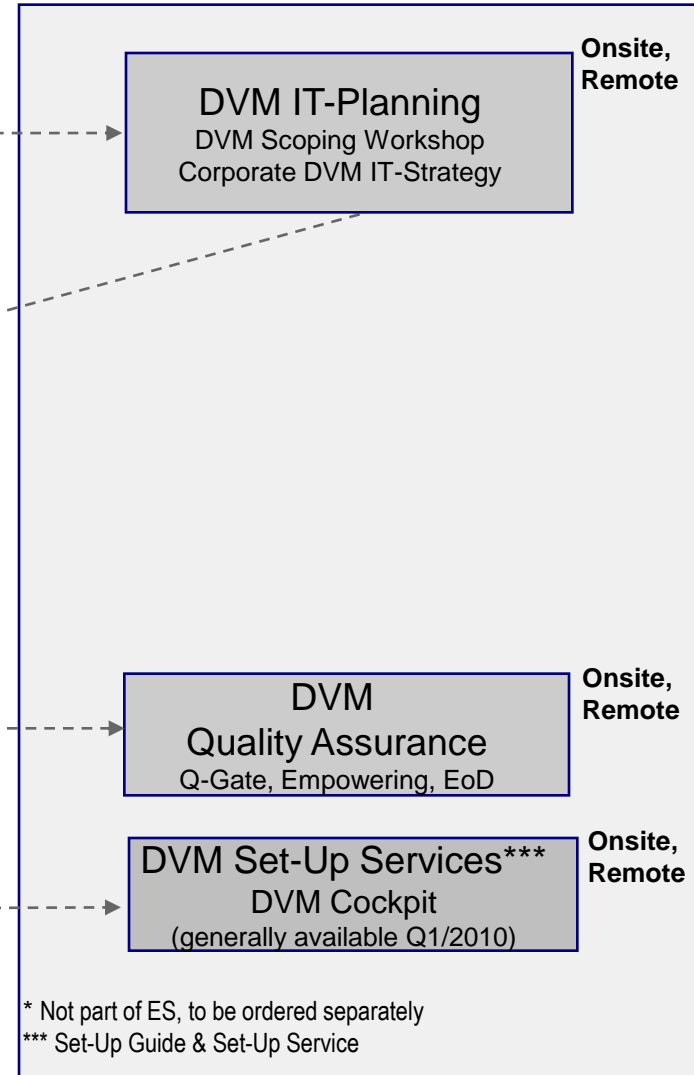




DVM Enterprise Support



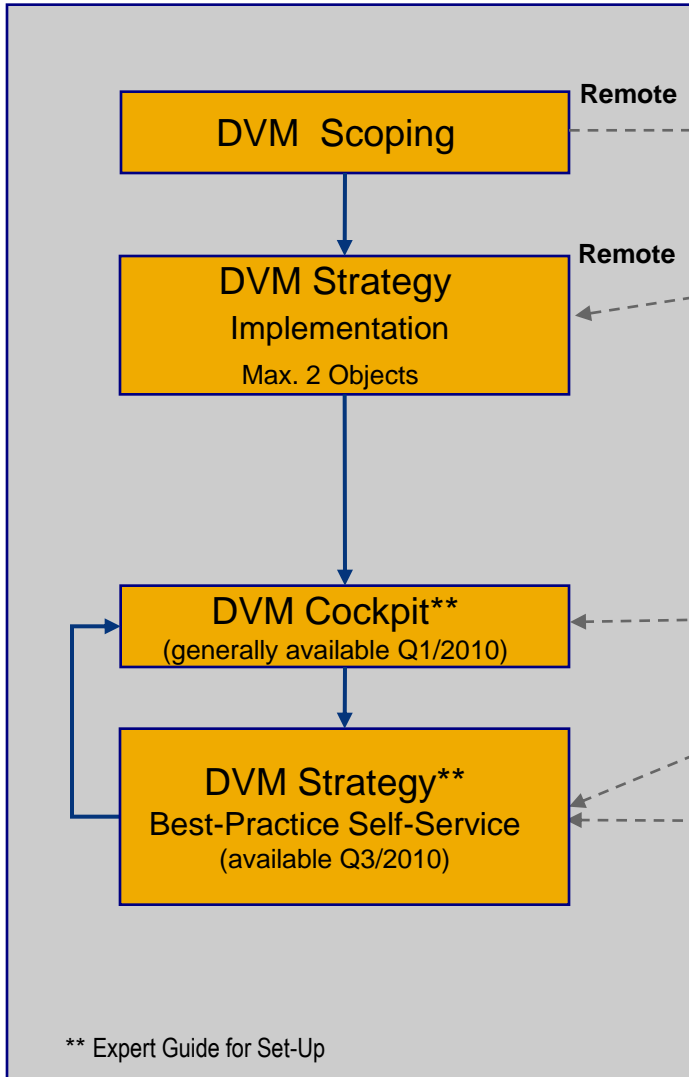
DVM Enhanced*



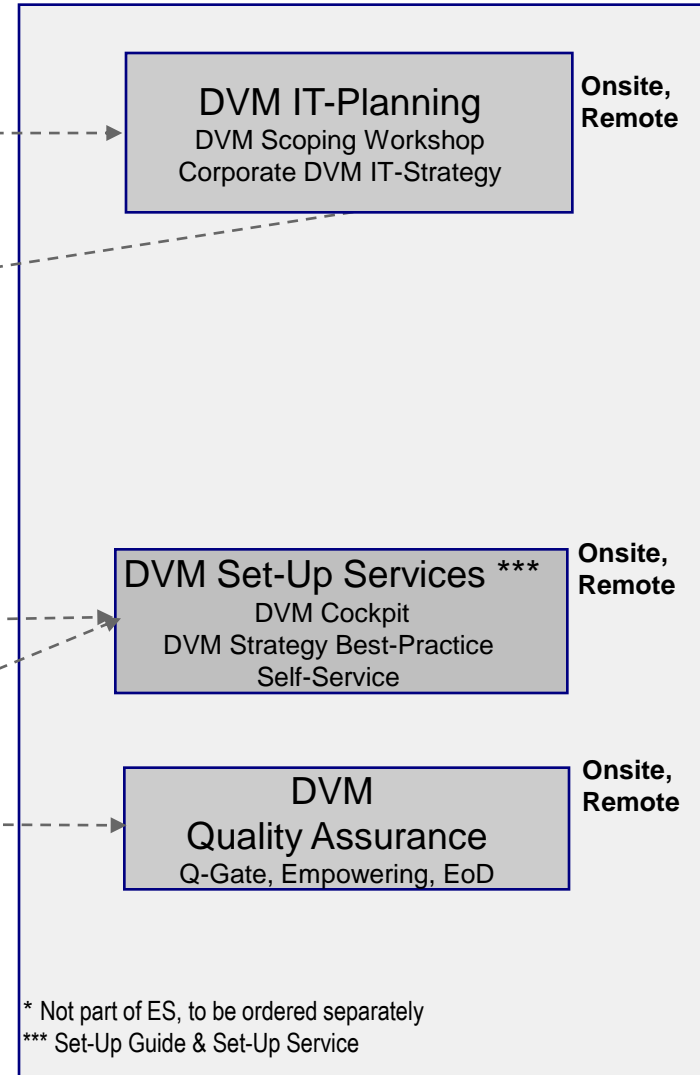
DVM Service Portfolio - Q3/2010 -



DVM Enterprise Support



DVM Enhanced*



SAP Solutions

SAP R/3, R/3 Enterprise
SAP ERP (ECC 5.0, 6.0)
SAP NetWeaver (incl. XI)
SAP BI / SEM-BW
SAP CRM
SAP SRM
SAP SCM-APO
SAP Solution Manager
others on demand

DV Cockpit:

The DVM Cockpit is the **core service** of DVM to support (Solution Manager based) customer specific the Data Archiving or Data Management process of a landscape solution

SAP for Industries

SAP for Retail
SAP for Banking
- Bank Analyzer
- Banking Services
SAP for Contract Accounts (FI-CA)
SAP for Utilities
SAP for Telecommunication
SAP for Media (in preparation)
SAP for Oil & Gas
others on demand

Select the best fitting DVM services for a particular customer situation

Target System

ST – A/PI 01L* recommended

ABAP based components are supported

JAVA based components on demand

Central Preparation

Note

1159758

see also

DVM on Wiki@SAP

Solution Manager

ST-SER 2008_2 Support Package 3
recommended

Select the best fitting DVM services for a particular customer situation

Thank you!

DVM Appendix



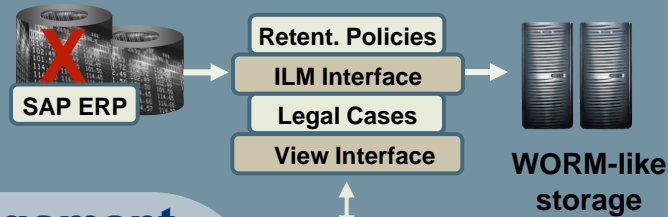
1. DVM for ILM

Evolution, Integration, Open Platform: From Data Archiving to ILM

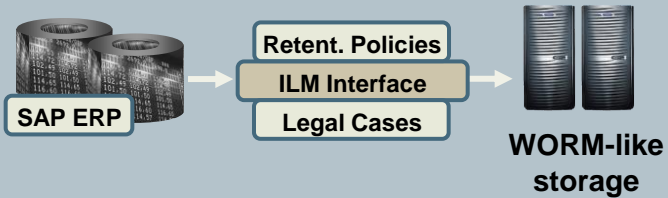


ILM Retention Warehouse Partner Solutions (future deliveries)

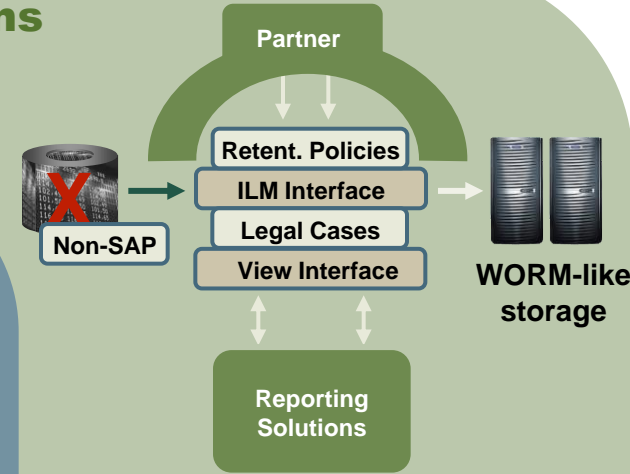
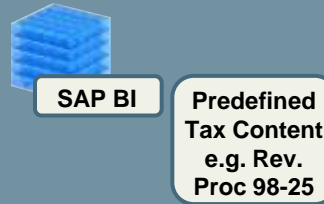
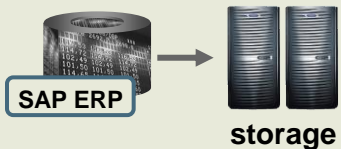
ILM Retention Warehouse



ILM Retention Management



Data Archiving



Data Volume Management End-of-Life Data

End-of-Life System

Landscape Harmonization

Information Lifecycle Management

Data Archiving

- **Analyze** data volumes
- Securely move data from the database to the **archive**
- Comfortably **access** archived data
- Archive SAP NW BI data (near-line storage)

Data Volume Management

Retention Management

- Manage all **retention policies** across the enterprise
- Manage the responsible **destruction** of data based on policies
- **Enforce** retention policies
- Use **secure ILM-aware storage** through partner offerings
- Perform **e-Discovery** operations and set **legal holds**

End-Of-Life Data

Retention Warehouse

- **Decommission** legacy systems
- **Enforce** retention policies on data from shut-down system
- Run **reporting** on data from shut-down system using SAP BI
- Use **predefined BI tax content** and reporting interface
- Benefit from **independently understandable archive**

End-Of-Life System

Information Lifecycle Management

Data Archiving

Retention Management

System Decommissioning

DVM IT-Planning

DVM Scoping

DVM Strategy Implementation

DVM Strategy Best-Practice Self-Service

DVM Quality Assurance

DVM Cockpit

Data Volume Management

End-Of-Life Data

End-Of-Life System