



AquaVista-AM ... Analyse, Visualise, Optimise

AquaVista-AM is a specific Water Authority based set of analytics and process improvement templates designed to cover the critical functions associated with the Asset Management Life-Cycle and is part of our broader Corporate Performance Management suite. What's more, it can be integrated with your existing Business Intelligence/ Analytics platform. AquaVista comes with an embedded presentation and visualisation layer with in-built logical drill down facilities using dashboards, scorecards and graphs ... with or without a Data Warehouse!

Does this sound familiar:

- Data Warehouse not quite finished?
- Purchased a BI/ reporting tool but can't get access to the data and still using cobbled together spreadsheets?
- Unsure if your data is up to scratch or even exists for effective KPI measures?

Would you like:

- Visibility to facilitate data quality improvements relevant to your metrics?
- A roadmap for a successful analytics solution utilising your existing software?
- A deployed solution in days and weeks! ... not months and years and which is easy to use, flexible and scalable?

Enhancing and integrating your current KPI's in a structured cause and effect manner with your Corporate Strategic Plan and relevant regulatory body reporting requirements is all part of our delivered solution.

- Aggregated Scorecarding
- Executive Dashboarding
- Asset Life-Cycle Analysis

- Embedded Drill-Downs
- In-Built Trending Analysis
- Search Filter Analysis

CAN'T LIVE WITHOUT EXCEL?
That's fine, just click the Excel button on your AquaVista screen and away you go!

File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help

How to... 1. Asset Defn Coverage 2. Prev Mtce Mgmt 3. Bkdown Mtce Mgmt 4. Asset Condition/Risk Mgmt 5. Transactions

SIBA SOLUTIONS AquaVista-AM
Search Intelligence & Business Analytics

2007 Jan Feb Mar Apr May Jun Jul Aug Sep

Last updated: 12/04/07 11:53:17am

2.1 PM Service Coverage Level

2.2 PM Activation Rate

2.3 PM Completion Rate

2.4 PM WO Labour Costing Variations

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Current Selections

Fields Values

KPI Number 2.2

2.2 Planned Maintenance Activation/Response Rate

2.2 PM Activation Rate

Function	PM Count	Actual Days	Target Days
Water	100,837	33.9	31.3
Waste Water	28,272	32.7	28.5
Support Functions	4,180	23.6	22.6
Total	133,289	33.3	30.3

PM Count by Region

Region	Count
West	55,836
North	41,459
East	18,467
South	17,517
Other	10

Detailed Transactions

WO#	WO Desc	Type	Region	Report Date	Start Date	Finish Date	Actioning Days
K801741	Bay View Switchroom-investigate external...	CM	West	7/02/2007	19/11/2007	19/11/2007	284.9
K81402	INSTALL HANDRAILS	CM	North	16/02/2007	25/10/2007	26/10/2007	251.0
K811417	MB SPS 1-pump 1VFD fault	CM	West	14/02/2007	15/10/2007	15/10/2007	243.1
K812207	Bay View Flow meter batteries	CM	West	15/02/2007	10/10/2007	12/10/2007	236.6

AquaVista-AM

Functional Areas



The full asset management lifecycle is covered by the defined templates.

Detailed sets of KPI definitions relevant to each of the functional areas are provided and the relevant data extracted from the respective data sources

Asset management functions covered by the analytical templates include:

- Asset Planning & Scheduling
- Asset Financial Management
- Asset Works Management
- Asset Resource Management
- Asset Supply Chain Management
- Asset Reliability Management

AquaVista - AM Life Cycle Asset Management KPI Template

Assets in Service Management Stage – Solution Specification Summary (Sample Only)

BUSINESS PROCESS	KPI'S	ANALYTICAL PURPOSE	FIELD COMPONENTS	CALCULATION/ ALGORITHM	DRILL-DOWN/ RESPONSIBILITY LANDSCAPE	FINANCIAL CONTRIBUTION/ EFFECT
PLANNING & SCHEDULING	Plant/Asset Criticality Definition Coverage Level	To monitor and review the level of critical plant/asset definition coverage	"Critical" Plant defini...	Act V Target = Varn % (P...	Company/Business Unit...	Cost of service outage.....
	Planned Maintenance/ Service Coverage Level	To monitor and review the planned level of plant/asset maintenance and servicing	Planned/Preventive/...	Act V Target = Varn % (P...	Company/Business Unit...	Cost of service outage.....
	Forward Schedule Loading Rate	To monitor and review the level of forward scheduling allocation of available maintenance manhours	Hours Scheduled on ...	Schedule V Availabl e = ...	Company/Business Unit...	Cost of unutilised mainten...
	Planned Condition Monitoring Coverage Level	To monitor and review the level of plant/asset condition monitoring coverage	Condition monitorin ...	Act V Target = Varn % (P...	Company/Business Unit...	Cost of service outage.....
	Unplanned/Break Down Maint level	To monitor and review the level of Unplanned/ BDmaintenance work	Work Order Type (Un...	Actual V Target % = Var (...	Company/Business Unit...	Cost of service outage.....
PROCUREMENT MANAGEMENT	Electronic Requisition Levels	To monitor and review the level of electronic requisitioning versus manual (paper based requisitioning)	Electronic requisition...	Act V Target = Varn (Ma ...	Company/Business Unit...	Differential cost in manual re...
	% Requisition/Purchase Items Catalogued	To monitor and review the level of requisitioned/purchased items which are electronically catalogued	Catalogue or Stock c...	Act V Target = Varn (PO ...	Company/Business Unit...	Differential cost in purchasin...
	Requisition to P/O Release Cycle Time	To monitor and review the level of purchase requisitions not purchase order released in the required time	PO Line Item (Reqn I...	Act V Target = Varn (No ...	Company/Business Unit...	Potential cost associated wit...

WE PROVIDE:

- KPI Drill-Down Path Definition
- KPI Algorithm Definition
- KPI Financial Contribution/Effect
- Detailed KPI Definition
- Data-Source Linking
- KPI Cause & Effect Linking

Interested in finding out more about:

- AquaVista-AM (Asset Management)?
- AquaVista-OM (Operations Management)?
- AquaVista-CSM (Customer Service Management)?
- AquaVista-FM (Finance Management)?
- AquaVista-HRM (Human Resources Management)?
- AquaVista-PM (Project Management)?

Call us now for details of our special "Seeing is Believing" trial of YOUR data ... LIVE!

Contact

SIBA SOLUTIONS

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