



# SIBA SOLUTIONS

Search Intelligence & Business Analytics

## AquaVista-CPM ... Analyse, Visualise, Optimise

Powered by **QlikView™**

**AquaVista-CPM** is a Corporate Performance Management enterprise level set of analytics and process improvement templates designed to cover the full range of critical business management functions of a Water Authority based organisation. 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 corporate 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!

To monitor and review the length of time it takes to commence work on a PM from the date it is scheduled/forecast

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
<b>Total</b>	<b>133,289</b>	<b>33.3</b>	<b>30.3</b>

Region	Count
West	55,836
North	41,459
East	18,467
South	17,517
<b>Total</b>	<b>133,289</b>

WO#	WO Desc	Type	Region	Report Date	Start Date	Finish Date	Actioning Days
.801741	Bay View Switchroom-investigate external ...	CM	West	7/02/2006	19/11/2006	19/11/2006	284.9
81402	INSTALL HANDRAILS	CM	North	16/02/2006	25/10/2006	26/10/2006	251.0
811417	MB SPS 1-pump 1VFD fault	CM	West	14/02/2006	15/10/2006	15/10/2006	243.1
812207	Bay View Flow meter batteries	CM	West	15/02/2006	10/10/2006	12/10/2006	236.6

# AquaVista-CPM

## Functional Areas



The CPM functions are covered by the defined templates provided.

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

Corporate Performance Management functions by the analytical templates include:

- Enterprise Asset Management
- Capex/Project Management
- Operations Management
- Financial Management
- Customer Service Management
- Human Resource 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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