



# SIBA SOLUTIONS

Search Intelligence & Business Analytics

## MaxiScore ... Analyse, Visualise, Optimise

**MaxiScore** is a Maximo based set of analytics and process improvement templates designed to cover critical Plant Maintenance & associated Asset Management Life-Cycle functions.

Predetermined KPI templates mapped to the Maximo tables are provided via our embedded presentation and visualisation layer with in-built logical drill down facilities using dashboards, scorecards and graphs in a pre-packaged, pre-configured format.

An executive dashboard facility is provided with embedded drill-downs, in built trending analysis with easy to use search filter analysis.

Industry content includes: Utilities, Mining, Manufacturing, Transport, Ports, Facilities, Government & Telecommunications.

### Would you like:

- Visibility to facilitate data quality improvements relevant to your metrics along with a roadmap for a successful Maximo analytics solution?
- A fixed price deployed solution in days and weeks ... which is easy to use, flexible and scalable?
- A reporting/ analytics solution that moves from one Maximo version to another ... quickly and easily?

The screenshot displays the SIBA SOLUTIONS MaxiScore application interface, powered by QlikView. The interface includes a menu bar (File, Edit, View, Selections, Layout, Settings, Bookmarks, Reports, Tools, Object, Window, Help) and a toolbar. The main content area is divided into several sections:

- Current Selections:** A sidebar on the left with expandable sections for Fields, Values, Plant (3/3), Area (12/12), Section (30/30), Asset Class (5/5), Asset Group (55/55), and Asset Type (1249/1249).
- Scorecards:** Four circular gauges showing KPIs:
  - 2.1 PM Service Coverage Level: Value 5.05
  - 2.2 PM Activation Rate: Value 5.49
  - 2.3 PM Completion Rate: Value 4.05
  - 2.4 PM WO Labour Costing Variations: Value 1.23
- 2.2 Planned Maintenance Activation/Response Rate:** A bar chart comparing Actual (blue) and Target (green) values for B1 Boiler Plant 1, B2 Boiler Plant 2, and T1 Turbine Plant 1.
- 2.2 PM Activation Rate:** A table showing PM Count, Actual Days, and Target Days for various plants.
- PM Count by Asset Group:** A pie chart showing the distribution of PM counts across Belts, Motors, Pumps, and Tanks.
- Detailed Transactions:** A table listing work orders (WO#) with columns for WO Desc, Type, Region, Report Date, Start Date, Finish Date, and Actioning Days.

Two callout boxes on the right highlight key features:

- Aggregated Scorecarding**
- Executive Dashboarding**
- Asset Life-Cycle Analysis**
- Embedded Drill-Downs**
- In-Built Trending Analysis**
- Search Filter Analysis**

A yellow callout box notes: "To monitor and review the length of time it takes to commence work on a PM from the date it is scheduled/forecast".

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

12/04/07 11:53:17am

# MaxiScore

## Asset In Service Management

The full Plant Maintenance (PM) & Asset Management life-cycles are covered by the mapped templates.

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



Plant Maintenance & Asset Management functions covered by the analytical templates include:

- Planning & Scheduling
- W/O Maintenance Management
- Supply Management
- Plant/Asset Utilisation Management
- Resource Management
- Plant/Asset Financial Management

## Maxiscore Asset in Service 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 operation downtime...
	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 operation downtime...
	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 operation downtime...
	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 operation downtime...
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 l...	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

With over 20 years experience in analytics and a kit bag of structured pre-defined KPI templates to draw upon, SIBA Solutions can provide valuable results in a fraction of the time. This also enables us to offer fixed price engagements so budgeting for your investment is easy.

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

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\* QlikView is the registered trademark of QlikTech International AB

\* SIBA Solutions is a Value Added Reseller partner of QlikTech International AB

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