



KITS ... Analyse, Visualise, Optimise

KITS (Key Indicator Template Solutions) is an Ellipse 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 Ellipse 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 Ellipse 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 Ellipse version to another ... quickly and easily?

The screenshot displays the SIBA SOLUTIONS KITS software interface, which is powered by QlikView. The interface includes a menu bar, a toolbar, and a main workspace with several panels and charts.

1.1 Fleet Availability: A gauge chart showing a value of 5.05.

1.2 Failures Causing Delay: A gauge chart showing a value of 5.49.

1.3 Kilometres between Failures: A gauge chart showing a value of 4.05.

1.4 Restricted Units Level: A gauge chart showing a value of 1.23.

1.1 Fleet Availability (Bar Chart): A bar chart comparing Actual (blue) and Target (green) values for Passenger Fleet, Loco Fleet, and Track.

Category	Actual	Target
Passenger Fleet	25	25
Loco Fleet	28	32
Track	30	35

1.1 Fleet Availability (Table): A table showing data for Passenger Fleet, Loco Fleet, and Track across two columns.

	5200	5018	96.5
Passenger Fleet	4850	4835	99.7
Loco Fleet	6150	6020	97.8

By Region (Pie Chart): A pie chart showing the distribution of data across Metro, North Region, South Region, and West Region.

Region	Percentage
Metro	55%
North Region	20%
South Region	10%
West Region	15%

Detailed Transactions (Table): A table listing various transactions with columns for WO#, WO Description, Fleet Unit, Outage Start, Outage Finish, and Duration.

WO#	WO Description	Fleet Unit	Outage Start	Outage Finish	Duration
154161	Oil leaking from primary drive gearbox	LF GHNS15	01/05/2006	03/05/2006	2.15
173474	Reseure Sub 1 to Power cable above Sub 8	LF GHNS15	01/05/2006	03/05/2006	2.35
167430	WC3 Secondary Drive Seized	PF XTR102	01/05/2006	02/05/2006	1.75
187553	Discon & refurb elect equip & lighting	LF NAT268	01/05/2006	05/05/2006	4.16

Aggregated Scoringcard

- 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 KITS screen and away you go!

KITS

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 Ellipse data sources.



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

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

KITS 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 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

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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