Table Quick Reference

Tables are ideal for creating structured views of your data. The following are useful scenarios for manufacturing.

Scenario	Visualization

Summarize

Aggregate metrics, such as OEE, by whatever data dimensions you choose. Quickly and concisely communicate KPIs to managers.

Site ↑1	Work Center ↑2	OEE	Availability
Chicago Plant	Filling 1	69.8%	81.5%
Chicago Plant	Filling 2	60.4%	76.5%
Chicago Plant	Bottling 1	66.4%	84.5%
Chicago Plant	Bottling 2	57.1%	80.0%
St. Louis Plant	Labeling 1	71.3%	80.4%
Atlanta Plant	Press Line	52.1%	77.1%

Visualize

Present comprehensive, multi-faceted views of data for action-oriented meetings with an information-dense, highly curated presentation.

Dimension	Top Down Reasons	
First Shift Part H	Jam 7 events	22m 52s
	No Operator 8 events	18m 43s
	Breakdown 4 events	11m 57s
First Shift Part E	Autonomous Maintenance 3 events	8m 57s
	Breakdown 3 events	7m 23s
	Adjustment 3 events	7m 5s

Explore

Explore data hierarchically. Rollup across levels for the big picture. Drill down where there are anomalies to discover root causes.

Dimension	OEE ↑	Availability	Performance
Chicago Plant	69.6%	81.5%	88.7%
Filling	69.6%	81.5%	88.7%
Filling 1	69.6%	81.5%	88.7%
Second Shift	69.6%	81.5%	88.7%
Part E	10.8%	11.8%	91.6%
Part I	55.4%	76.3%	74.5%

Sequence

List events, such as part runs, chronologically to systematically and methodically review results and determine where further action is needed.

Start Time ↑	Part	OEE	Duration	Down Time	Good Count
9/30/22, 7:00:00 am	Part A	87.2%	0:42:10	0:03:18	1,464
9/30/22, 7:45:43 am	Part K	84.7%	1:10:17	0:00:00	2,011
9/30/22, 8:57:05 am	Part E	47.1%	5:24:59	0:36:02	5,013
9/30/22, 2:37:49 pm	Part N	73.8%	1:08:15	0:05:49	2,006
9/30/22, 3:49:30 pm	Part P	50.8%	2:43:38	0:11:39	3,055

Rank

Sort events to focus attention where it's most needed, such as longest down events, parts with lowest quality, or teams with lowest labor efficiency.

Part	Quality ↑	Reject Count	Startup Rejects	Production Rejects
Part E	95.3%	1,057	68	989
Part D	95.7%	540	43	497
Part L	95.7%	226	16	210
Part P	95.7%	823	78	745
Part M	96.0%	293	36	257

Export

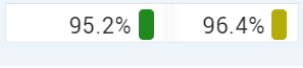
Make it easy for anyone to export data of their choosing for further analysis in external applications such as Microsoft Excel or Power BI.

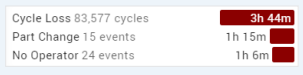
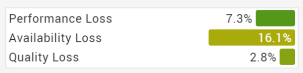
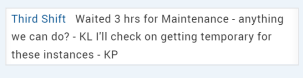
Start Time ↓	Part	Duration	Target Count	In Count	Down Time
10/6/22, 11:10:13 am	Part K	2:00:33	2,063	2,058	0:15:06
10/6/22, 9:01:38 am	Part F	2:08:35	2,812	3,123	0:11:50
10/6/22, 7:40:11 am	Part M	1:21:26	1,991	2,044	0:15:01
10/6/22, 5:20:10 am	Part B	2:20:00	2,835	2,140	0:17:37
10/6/22, 12:50:17 am	Part L	4:29:52	5,920	4,201	0:44:26
10/5/22, 11:17:44 pm	Part K	1:32:33	2,131	2,115	0:14:51

Live Controls

Icon	Control	Description
	Enterprise	Choose which work centers to include in your data, from entire enterprise to individual work center.
	Time Range	Select a time range specifically for the table, or follow the time range of the page.
	Level	Collapse or expand hierarchy to the selected level.
	Row	Select one or more dimensions of data that establish the rows of your table, such as shift and/or part. Set options for: ▪ Number of rows ▪ Heat map indicators based on metric ▪ Totals row
	Column	Add columns by first selecting from five column types (see below) and then specifying the underlying metrics or dimensions.
	Filter	Limit results to a subset of data by creating expressions that filter on metrics and/or dimensions.
	Sort	Add sort rules for one or more columns.
	Group	Display data as individual events, aggregated events, or in a hierarchical structure.
	Export	Export the table in Microsoft Excel format.

Column Types

Traditional	Description	Visualization
Metric	Select a single metric (e.g., OEE) or a set of related metrics (e.g., OEE Factors), with each metric in its own column.	
Dimension	Select a dimension to show its value in a column (e.g., for rows showing Production State, add a column to show Reason).	

Enriched	Description	Visualization
Attention List	Visualize lost production time with an embedded bar chart for changeovers, down events, rejects, or top losses.	
Metric List	Show a stacked set of metrics as text, as text with heat map indicators, or as an embedded bar chart.	
Comment	Display comments either directly associated with the row event or more generally with the associated time period.