Analytics Report Definitions

Line

Column	Help String
AVA	Availability (Run Time / Open Time)
AVAc	Capital Availability (Run Time / Capital Time)
AVAp	Production Availability (Run Time / Production Time)
AVAs	Shift Availability (Run Time / Shift Time)
Average Job Quantity	Units In / Number of Jobs started
Average Setup Time	Setup Time / Number of Setups Started
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Grouping	Selected groupings for the report
Job Events	Number of jobs started in the period
Line Name	Line Name
MTBF	Run Time / Number of Unplanned Downtime Events
OEE	Overall Equipment Effectiveness. AVA x PE x Q. AVA excludes planned stops
OEEc	Overall Equipment Effectiveness. AVAc x PE x Q. AVAc is 24x7 and speed in PE is measured against nameplate speed
OEEp (LE)	OEE 'production' also known as Line Efficiency. AVAp x PE x Q. AVAp excludes setup and planned stops
OEEs (OEE)	OEE 'shift' also known as 'Global Efficiency'. AVAs x PE x Q. AVAs has no exclusions
Open Speed	Units In / Open Time
Open Time	Shift time excluding planned stops. The time the machine is 'open' to produce
PE	Performance (Run Speed / Rated Speed)
PEc	Capital Performance (Run Speed / Plated Speed)
Planned Downtime Percent	Planned Stop Time / Shift Time
Planned Events	Number of planned stops

Planned Time	Time spent in planned stops
Production Speed	Units In / Production Time
Production Time	Shift Time excluding planned stops and setup time. The time the machine is capable of production
Q	Quality (Units Out / Units In)
Run Events	Number of running spans
Run Percent	Run Time / Open Time
Run Slow Events	The number of times the machine has run at a derated speed
Run Slow Percent	Run Slow Time / Open Time
Run Slow Time	Time spent running at derated speed
Run Speed	Run Units In / Run Time
Run Time	The time the machine is actually running, including Run Slow Time
Run Units In	Units counted into the machine while in Run Time
Setup Events	Number of setups
Setup Percent	Setup Time / Open Time
Setup Time	Time in setup
Setup Units In	Units made during setup
Shift Events	Number of shifts
Shift Speed	Shift Units / Shift Time
Shift Time	Time spent in shift
Short Stop Events	Number of short stops
Short Stop Time	Time spent in short stops
Start	Start time of the period – EG 'Day' will always start at 00:00:00 on the start date
Time Breakdown	Color code of time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)
Units In	Units counted into the machine
Units Name Plate	Potential units at the maximum 'plated' speed of the machine
Units Out	Units counted out of the machine
Units Per Stop	Units In / Number of Unplanned Stops
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made
Unplanned Downtime Percent	Unplanned Downtime / Open Time

Unplanned Events	Total number of unplanned stops.
Unplanned Time	Time spent in unplanned downtime. Includes time spent in short stops and unplanned downtime during setup.
Waste Percent	100% - Quality
Waste Units	Units In - Units Out

Line By Crew

Column	Help String
Author	User / Login that posted the comment
AVAc	Capital Availability (Run Time / Capital Time)
Average Lost Time	Lost Time / Number of Events
Average Monitor Time	Monitor Time / Number of Events
Capital Time	Total potential hours, 24x7.
Comment	Comment text
Comment Date	Date and time when the comment was posted
Configuration Id	The identifier of the alert or form configuration
Content	The templated content of the alert or form excluding any form fields
Create Time	The time that an alert or form was raised against a workcentre
Crew at Edit Time	The active operator and crew at the edit time
Cumulative Units vs Rated	The cyan coloured target line represents the number of possible units that could have been made in a period during Run Time. The green line represents actual units produced.
Dashed Red Line	Represents shift boundaries
Dismiss Time	The time that an alert or form entered a closed workstate
Edit Delay	The age of the data at the edit time - EG changing a downtime reason on a downtime that ended 20 hours ago would show an Edit Delay of 20 hours
Edit Description	A description of the data edit, including values before and after where available
Edit Time	The date and time at which the data was edited.
Edit Type	The type of data edited
Edit User	The user logged in at the edit time
Group Class	Class of lost time, showing where time is lost during 'Running', 'Running Slow', 'Setup', 'Planned Downtime', 'Unplanned Downtime'
Group Super Class	High level class of lost time, typically 'Setup', 'Running' or 'Downtime'
Group Type	Reason Timespan type. Generally used for data integration. ',
Job Progress	How many Units have been made for the current Job
Last Shift Score	Percentage of units made last shift (Last Shift Units / Poss. Units)%, does not include units made during a job with no defined rated speed
Last Shift Units	Number of units made last shift. Numbers in parentheses include units made

	during a job with no defined rated speed
Last State Change	The time that an alert or form last had its workstate changed
Last Update Time	The time that an alert or form last had its workstate or form data updated
Lost Time Breakdown	Color code of lost time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)
Lost Time Percent	Percentage of lost time for group during period.
Machine State	The state of the machine at the time the alert or form was raised
Monitor Time	Time spent with monitor point active.
Name	The name of the alert or form configuration
OEEc	Overall Equipment Effectiveness. AVAc x PE x Q. AVAc is 24x7 and speed in PE is measured against nameplate speed
Open Units In	Units counted into the machine while in Open Time
Percentage OEEp View	The cyan coloured target line represents the number of possible units which could have been made in a given hour (excludes Setup Time and Planned Downtime). This is expressed in a percentage and will be either 100% (if units could have been produced in this period) or 0% (if the rated speed is undefined or 0 possible units could have been produced during this period).
Poss. Units	Number of units that would have been made assuming 100% Production Availability (excluding time spent in Setup or Planned Downtime)
Post Subject	The subject of a comment
Production Units In	Units counted into the machine while in Production Time
Rated Speed	The Rated Speed of the Line
Reason Category	Category of lost time EG 'Technical', 'Flow Wrapper', etc.
Reason Description	The description of a specific Reason
Reason Events	The number of occurrences of a particular Reason
Reason ID	Internal OFS Reason ID. Generally used for data integration.
Reason Time	Time spent in lost time reason
Scheduled Quantity	Scheduled quantity for the Order
Shift Score	Percentage of units made this shift (Shift Units / Poss. Units)%, does not include units made during a job with no defined rated speed
Shift Units	Number of units made this shift. Numbers in parentheses include units made during a job with no defined rated speed
SKU	The Stock-keeping Unit or Product

Span Class	Timespan Class. Generally used for data integration
Span ID	Unique Span ID. Generally used for data integration
Span Type	Timespan Type. Generally used for data integration
Target	A performance target is calculated based on the elapsed time and rated speed of the current job accounting for any planned downtime, time spent in changeover and setup, and time between shifts. If the time taken to produce the current number of units is longer than the target for that number of units, the amount of time behind the target is shown.
Target Details	The 'Show Target Details' button reveals an additional panel of information for each line underneath the performance target, displaying the number of units that could have been made if the production line had run at rated speed and without any unplanned stops during the running of the current job. This is also presented visually. This information is calculated using the current job\'s scheduled quantity, and requires the current job to have this set. In the absence of a scheduled quantity, this panel will only show the job\'s start time and elapsed time.
Target Line	The target line represents the number of possible units that could have been made in a given hour (or over the displayed period on a cumulative graph), and is coloured cyan. This is expressed as a percentage in the percentage-based graph, and will be either 100% (if units could have been made in this period) or 0% (if the rated speed is undefined or 0 possible units could have been produced during this period)
Time to Last State	The time between an alert or form being raised and its last workstate change
Time to Last Update	The time between an alert or form being raised and its last workstate change or data update
Trigger Match	The matched condition which caused this alert or form to be raised
Trigger Title	The name of the trigger which caused this alert or form to be raised
Unplanned Setup Downtime Events	Number of unplanned stops that occurred during setup
Unplanned Setup Downtime Time	Time spent in unplanned downtime during setup
Workflow	The workflow of the alert or form
Workstate	The current workstate of the alert or form

Product

Column	Help String
AVA	Availability (Run Time / Open Time)
AVAp	Production Availability (Run Time / Production Time)
AVAs	Shift Availability (Run Time / Shift Time)
Average Job Quantity	Units In / Number of Jobs started
Average Setup Time	Setup Time / Number of Setups Started
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Grouping	Selected groupings for the report
Job Events	Number of jobs started in period
Line Name	Line Name
MTBF	Run Time / Number of Unplanned Downtime Events
OEE	Overall Equipment Effectiveness. AVA x PE x Q. AVA excludes planned stops
OEEp (LE)	OEE 'production' also known as Line Efficiency. AVAp x PE x Q. AVAp excludes setup and planned stops
OEEs (OEE)	OEE 'shift' also known as 'Global Efficiency'. AVAs x PE x Q. AVAs has no exclusions
Open Speed	Units In / Open Time
Open Time	Shift time excluding planned stops. The time the machine is 'open' to produce
PE	Performance (Run Speed / Rated Speed)
PEc	Capital Performance (Run Speed / Plated Speed)
Planned Downtime Percent	Planned Stop Time / Shift Time
Planned Events	Number of planned stops
Planned Time	Time spent in planned stops
Production Speed	Units In / Production Time
Production Time	Shift Time excluding planned stops and setup time. The time the machine is capable of production
Q	Quality (Units Out / Units In)
Run Events	Number of running spans

Run Percent	Run Time / Open Time
Run Slow Events	The number of times the machine has run at a derated speed
Run Slow Percent	Run Slow Time / Open Time
Run Slow Time	Time spent running at derated speed
Run Speed	Run Units In / Run Time
Run Time	The time the machine is actually running, including Run Slow Time
Run Units In	Units counted into the machine while in Run Time
Scheduled Quantity	Scheduled quantity for the Order
Setup Events	Number of setups
Setup Percent	Setup Time / Open Time
Setup Time	Time in setup
Setup Units In	Units made during setup
Shift Events	Number of shifts
Shift Speed	Shift Units / Shift Time
Shift Time	Time spent in shift
Short Stop Events	Number of short stops
Short Stop Time	Time spent in short stops
SKU	The Stock-keeping Unit or Product
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date
Time Breakdown	Color code of time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)
Units In	Units counted into the machine
Units Name Plate	Potential units at maximum 'plated' speed of the machine
Units Out	Units counted out of the machine
Units Per Stop	Units In / Number of Unplanned Stops
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made
Unplanned Downtime Percent	Unplanned Downtime / Open Time
Unplanned Events	Total number of unplanned stops.
Unplanned Time	Time spent in unplanned downtime. Includes time spent in short stops and unplanned downtime during setup.

Waste Percent	100% - Quality
Waste Units	Units In - Units Out

Product By Crew

Column	Help String
AVA	Availability (Run Time / Open Time)
AVAp	Production Availability (Run Time / Production Time)
AVAs	Shift Availability (Run Time / Shift Time)
Average Job Quantity	Units In / Number of Jobs started
Average Setup Time	Setup Time / Number of Setups Started
Crew	Crew Name
Crew Id	Crew ID
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Grouping	Selected groupings for the report
Job Events	Number of jobs started in period
Line Name	Line Name
MTBF	Run Time / Number of Unplanned Downtime Events
OEE	Overall Equipment Effectiveness. AVA x PE x Q. AVA excludes planned stops
OEEp (LE)	OEE 'production' also known as Line Efficiency. AVAp x PE x Q. AVAp excludes setup and planned stops
OEEs (OEE)	OEE 'shift' also known as 'Global Efficiency'. AVAs x PE x Q. AVA has no exclusions
Open Speed	Units In / Open Time
Open Time	Shift time excluding planned stops. The time the machine is 'open' to produce
Operator	Name of the operator logged into the console
PE	Performance (Run Speed / Rated Speed)
PEc	Capital Performance (Run Speed / Plated Speed)
Planned Downtime Percent	Planned Stop Time / Shift Time
Planned Events	Number of planned stops
Planned Time	Time spent in planned stops
Production Speed	Units In / Production Time
Production Time	Shift Time excluding planned stops and setup time. The time the machine is capable of production

Q	Quality (Units Out / Units In)	
Run Events	Number of running spans	
Run Percent	Run Time / Open Time	
Run Slow Events	The number of times the machine has run at a derated speed	
Run Slow Percent	Run Slow Time / Open Time	
Run Slow Time	Time spent running at derated speed	
Run Speed	Run Units In / Run Time	
Run Time	The time the machine is actually running, including Run Slow Time	
Run Units In	Units counted into the machine while in Run Time	
Scheduled Quantity	Scheduled quantity for the Order	
Setup Events	Number of setups	
Setup Percent	Setup Time / Open Time	
Setup Time	Time in setup	
Setup Units In	Units made during setup	
Shift Events	Number of shifts	
Shift Speed	Shift Units / Shift Time	
Shift Time	Time spent in shift	
Short Stop Events	Number of short stops	
Short Stop Time	Time spent in short stops	
SKU	The Stock-keeping Unit or Product	
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date	
Time Breakdown	Color code of time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)	
Units In	Units counted into the machine	
Units Name Plate	Potential units at maximum 'plated' speed of the machine	
Units Out	Units counted out of the machine	
Units Per Stop	Units In / Number of Unplanned Stops	
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made	
Unplanned Downtime Percent	Unplanned Downtime / Open Time	
Unplanned Events	Total number of unplanned stops.	

Unplanned Time	Time spent in unplanned downtime. Includes time spent in short stops and unplanned downtime during setup.
Waste Percent	100% - Quality
Waste Units	Units In - Units Out

Reason

Column	Help String
Average Lost Time	Lost Time / Number of Events
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Group Class	Class of lost time, showing where time is lost during 'Running', 'Running Slow', 'Setup', 'Planned Downtime', 'Unplanned Downtime'
Group Super Class	High level class of lost time, typically 'Setup', 'Running' or 'Downtime'
Group Type	Reason Timespan type. Generally used for data integration. ',
Grouping	Selected groupings for the report
Line Name	Line Name
Lost Time Breakdown	Color code of lost time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)
Lost Time Percent	Percentage of lost time for group during period.
Reason Category	Category of lost time EG 'Technical', 'Flow Wrapper', etc.
Reason Description	The description of a specific Reason
Reason Events	The number of occurrences of a particular Reason
Reason Time	Time spent in lost time reason
Span Class	Timespan Class. Generally used for data integration
Span Type	Timespan Type. Generally used for data integration
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date
Units In	Units counted into the machine
Units Name Plate	Potential units at maximum 'plated' speed of the machine
Units Out	Units counted out of the machine
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made

Reason By Crew

Column	Help String
Average Lost Time	Lost Time / Number of Events
Crew	Crew Name
Crew Id	Crew ID
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Group Class	Class of lost time, showing where time is lost during 'Running', 'Running Slow', 'Setup', 'Planned Downtime', 'Unplanned Downtime'
Group Super Class	High level class of lost time, typically 'Setup', 'Running' or 'Downtime'
Group Type	Reason Timespan type. Generally used for data integration. ',
Grouping	Selected groupings for the report
Line Name	Line Name
Lost Time Breakdown	Color code of lost time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)
Lost Time Percent	Percentage of lost time for group during period.
Operator	Name of the operator logged into the console
Reason Category	Category of lost time EG 'Technical', 'Flow Wrapper', etc.
Reason Description	The description of a specific Reason
Reason Events	The number of occurrences of a particular Reason
Reason Time	Time spent in lost time reason
Span Class	Timespan Class. Generally used for data integration
Span Type	Timespan Type. Generally used for data integration
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date
Units In	Units counted into the machine
Units Name Plate	Potential units at maximum 'plated' speed of the machine
Units Out	Units counted out of the machine
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made

Reason By Product

Column	Help String
Average Lost Time	Lost Time / Number of Events
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Group Class	Class of lost time, showing where time is lost during 'Running', 'Running Slow', 'Setup', 'Planned Downtime', 'Unplanned Downtime'
Group Super Class	High level class of lost time, typically 'Setup', 'Running' or 'Downtime'
Group Type	Reason Timespan type. Generally used for data integration. ',
Grouping	Selected groupings for the report
Line Name	Line Name
Lost Time Breakdown	Color code of lost time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)
Lost Time Percent	Percentage of lost time for group during period.
Reason Category	Category of lost time EG 'Technical', 'Flow Wrapper', etc.
Reason Description	The description of a specific Reason
Reason Events	The number of occurrences of a particular Reason
Reason Time	Time spent in lost time reason
Run Events	Number of running spans
Scheduled Quantity	Scheduled quantity for the Order
SKU	The Stock-keeping Unit or Product
Span Type	Timespan Type. Generally used for data integration
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date
Units In	Units counted into the machine
Units Name Plate	Potential units at maximum 'plated' speed of the machine
Units Out	Units counted out of the machine
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made

Monitor Point

Column	Help String
Average Monitor Time	Monitor Time / Number of Events
Crew	Crew Name
Crew Id	Crew ID
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Group Class	Class of lost time, showing where time is lost during 'Running', 'Running Slow', 'Setup', 'Planned Downtime', 'Unplanned Downtime'
Group Super Class	High level class of lost time, typically 'Setup', 'Running' or 'Downtime'
Group Type	Reason Timespan type. Generally used for data integration. ',
Grouping	Selected groupings for the report
Line Name	Line Name
Monitor Time	Time spent with monitor point active.
Operator	Name of the operator logged into the console
Reason Category	Category of lost time EG 'Technical', 'Flow Wrapper', etc.
Reason Description	The description of a specific Reason
Scheduled Quantity	Scheduled quantity for the Order
SKU	The Stock-keeping Unit or Product
Span Class	Timespan Class. Generally used for data integration
Span Type	Timespan Type. Generally used for data integration
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date
Time Breakdown	Color code of time allocation: Dark Green (Running), Light Green (Run Slow), Yellow (Setup), Red (Unplanned Stop), Blue (Planned Stop)
Units In	Units counted into the machine
Units Name Plate	Potential units at maximum 'plated' speed of the machine
Units Out	Units counted out of the machine
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made

Comments

Column	Help String
Author	User / Login that posted the comment
Comment	Comment text
Comment Date	Date and time when the comment was posted
Crew	Crew Name
Crew Id	Crew ID
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Grouping	Selected groupings for the report
Job Events	Number of jobs started in period
Line Name	Line Name
Operator	Name of the operator logged into the console
Post Subject	The subject of a comment
Reason Category	Category of lost time EG 'Technical', 'Flow Wrapper', etc.
Reason Description	The description of a specific Reason
Scheduled Quantity	Scheduled quantity for the Order
Setup Events	Number of setups
SKU	The Stock-keeping Unit or Product
Span Class	Timespan Class. Generally used for data integration
Span Type	Timespan Type. Generally used for data integration
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date
Units In	Units counted into the machine
Units Name Plate	Potential units at maximum 'plated' speed of the machine
Units Out	Units counted out of the machine
Units Rated	The maximum units that could have been made during run time if the machine had produced at 'rated speed' for each product made

Transaction log

Column	Help String
Crew at Edit Time	The active operator and crew at the edit time
Duration	Duration of the period - EG 'Day' will always be 24.00 hours
Edit Delay	The age of the data at the edit time - EG changing a downtime reason on a downtime that ended 20 hours ago would show an Edit Delay of 20 hours
Edit Description	A description of the data edit, including values before and after where available
Edit Time	The date and time at which the data was edited.
Edit Type	The type of data edited
Edit User	The user logged in at the edit time
End	End time of the period - EG 'Day' will always end at 23:59:59 on the end date
Group	Name of configured group of machines EG 'Area 1' or 'All Printers'
Grouping	Selected groupings for the report
Line Name	Line Name
Start	Start time of the period - EG 'Day' will always start at 00:00:00 on the start date