



Quick Reference Card

Different Types of Rules

OVERVIEW

Rules allow fleet managers to be proactive in the monitoring of their fleet by flagging events as they occur. This is where fleet managers can decide what asset behavior needs to be monitored, what the thresholds point are and how to be notified when Rules are triggered.

A variety of Rule Types are available in Fleet Complete. Some rules are dependent on the sensors installed. For example, a Temperature Rule can only be assigned those assets that have a temperature sensor installed. Rules that rely on sensors are marked with an * in the table below.

Rule Descriptions	Functionality
Analog*	This rule is used to alert when an asset's sensor readings fall outside a set range, potentially indicating a problem with the Asset. For example: An Asset's Battery voltage is below a certain voltage.
Code*	This rule is used when a defined code is transmitted by a sensor indicating a potential problem. For example: The vehicle moved without an ignition state or the tracking device in the asset was disconnected from power. Note: For help setting this rule please speak with the Fleet Complete Technical Support Team
Crash Detected	This rule is triggered when an asset encounters a crash. If using MGS700 devices, this feature allows users to view crash details 25 seconds prior to and up to 10 seconds after a crash has occurred. Crash details can be seen within the map area of the tracking screen and within trip replay.
GPS Lost	This rule is used to trigger when an asset's GPS signal has been lost (Less than 6 Satellites in Fix) Note: This rule applies only to assets that have in-vehicle tracking devices installed.
Harsh Braking*	This rule is used to indicate when an asset's sensor is decelerating by more than 11 km/h (7mi/h) for 2 consecutive seconds, indicating a potential problem with resource behavior. Note: This rule applies only to assets that have in-vehicle tracking devices installed.



Quick Reference Card

Harsh Cornering*	<p>This rule is used to indicate when an asset's sensor is Harsh Cornering indicating a potential problem with resource behavior.</p> <p>Note: This rule applies only to assets that have in-vehicle tracking devices installed.</p>
Humidity*	<p>This rule is used to indicate when an asset's humidity sensor falls outside a specific range, indicating a potential risk to the vehicle's cargo.</p>
Idle	<p>This rule indicates when an asset's position remains constant with the ignition turned ON, indicating a potential security risk and/or added fuel costs.</p>
Illegal Power Off	<p>This rule is used to alert when an asset has lost power while not connected to the ECM.</p> <p>Note: This rule applies only to assets that have in-vehicle tracking devices installed</p>
Input*	<p>This rule indicates when an asset's input sensor has a change in its state, indicating a valid reason for the vehicle to be idle. For example; when a PTO Sensor get engaged.</p>
Invalid GPS	<p>This rule is used to alert when an asset's GPS is not providing enough valid information, allowing you to take preventative measures to ensure you are always receiving and recording accurate data. For example: The antenna is not in an optimal position.</p>
Outside Work Hours Usage	<p>This rule is triggered when an asset's ignition is turned on outside of its work schedule, indicating a potential use of the asset for personal reasons or a potential theft.</p>
POI	<p>This rule is used to track the interaction between your assets and POI locations. This rule tracks when an asset enters/exits or spends a specific amount of time in a POI.</p>
Rapid Acceleration*	<p>This rule is used to indicate when an asset's sensor is accelerated by more than 11 km/h (7mi/h) for 2 consecutive seconds, indicating a potential problem with resource behavior.</p>
Speed	<p>This rule is used to track when an asset exceeds a specific speed, indicating a potential problem with the resource behavior.</p>



Quick Reference Card

Speed Limit	This rule is used to track when an asset exceeds the speed limit by a specific percentage of the allowed limit, indicating a potential problem with resource behavior.
Still	This rule is used to determine if an asset's position remains constant for a specific amount of time regardless of the ignition state.
Temperature*	This rule is used to track when an asset's Temperature sensor falls outside a specific range, potentially indicating a risk to the vehicle's cargo.
Reverse	This rule is used to indicate when an asset is moving in reverse direction.