M.A.C. SOLUTIONS

PROCESSVUE

FAQ – Generic Advanced Framing

Abstract

Is there an explanation of the Generic Advanced Framing Configuration?

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Advanced Framing allows ProcessVue to combine lines based on specific DCS configurations, the Generic Advanced Framing allows ProcessVue to combine lines on custom DCS's using a configurable identifying string, once configured any messages received that have the identifying string will put ProcessVue into combine lines mode, which means ProcessVue will combine that line and any subsequent lines until it receives another message containing the identifying string or the time out triggers.

Below is an explanation of the configuration options.

Type1StartSeq=*/20* = This line identifies the the Combine Lines type as you can have multiple configurations to catch the different types of messages sent to ProcessVue. It also determines what string will be used to identify the first line to be combined, in the above example the configuration is looking for "/20" appearing in the message, the two asterisks are wild cards and when they encapsulate the /20 it means that the string can appear anywhere in the line.

For example if the Date and time appears on the first line to combine you could put the date delimiter as the identifying string for example: 11/12/2015 = */*/*.

IsType1AutoAddSpace=True = When this option is enabled the lines to be combine will be separated by a space, this is useful for when the two lines will run into each other without a break making them message difficult to read.

InSequenceTimeoutMaxSeconds=4 =When the Type1startSeq has been defined and ProcessVue receives a message matching the Start Sequence it will combine that line and all other subsequent lines until it sees another line that matches the StartSeq at which point it will write the message to the table and begin combining the lines again, this works fine as long as there is a continuous flood of alarms, when the system enters a quiet period the timeout will come into effect. As there will not be another line to combine it waits x number of seconds before writing the combined lines to the table.

Terminator=10 = This option tells ProcessVue what the end of line termination character should be.