

FEP DMP INTS16ZONE Option

01/10/2024 12:36 pm EST

Intended Purpose

We were asked to add a new option to interpret a DMP System Message (S16) in a different way from what the standard interpretation has been. This was formerly just sent through as a *T trouble similar to many other S codes.

The issue is that UL is saying that the customer MUST handle this as a *A alarm signal and we are sending in a *T trouble signal.



16 WARNING: Panel Not RespondingHIGH LINE COMMUNICATION SECURITY FEATUREThe receiver detects that the supervised account (high security) has failed to communicate within its proper timewindow. This message is only sent when the panel's main communication is set for MPX, DNET, HST, or NET. MPX(multiplex) is a supervised direct wire connection and DNET, HST, NET is packet data network communications such as Ethernet or long range radio. The restoral message is System Message 17.Note: The panel is able to indicate to the line card to not expect another check-in. This is used in the casewhere a primary path restores to tell the backup path not to generate a failure message when it stops receivingcheck-ins.

When the DMP option INTSYSMSG=1 is turned on, we interpret all system messages and send them through. Several could end up just as *T and there is no way to add programming to change just the S16 one into something else. It IS possible to have all system messages come through as *A with Zone of Sxx but they would have to add programming for all system messages. This was not acceptable.

Description of Change

In Manitou 2.0.0 Update 24, we have added a new DMP option to allow just the S16 to be sent in such a way that programming can be applied to it. The option is INTS16ZONE=1 and MUST be used with the INTSYSMSG=1 option for this to work.

Receiver Types

Receiver Code: DMP S16

Name: DMP S16 Testing

Attributes:

Driver: DMP DMP

Options: ZONE=4,INTSYSMSG=1,DEBUG=1,INTS16ZONE=1,USECRC=

Once this is set up, you can then apply programming as the S16 will now be sent in still as a *T but with a Zone of S016. This can be changed to a *A or any other event code desired. It is possible to keep the zone or change it as well.

Transmitter Programming

Event Monitoring

- DLT - Default Transmitter Typ
- DMP - DMP TX TYPE
- OPENEYE - OpenEye
- SUREVIEW - SureView Transr
- SURGARD - SurGard
- VTK - VeriX V1000

Access Control

- 3xLOGIC - 3xLogic

Input				Output						
DES	Area	Zone	Sensor	Event	Description	Area	Zone	Sensor	Point ID	Co
*T	*	S016	*	*A	Activation	=	S016	=		

Incident Queue - Monitoring Group 0 (1 Incidents)

Time	Priority	Customer ID	Customer	Code	Event	Area	Zone	User	Availability	Status
Oct 10, 18:26:25	10	TOBY	Toby Prescott 2	*A	Activation	1	S016	BOLD	Available	Viewed