Hercules InPlace Monitor
Data Byte Value Change Color Highlight Feature

The Inplace Monitor has a display feature to highlight with color Data Byte Value Changes. There are two methods in using this feature.

1. Data Byte Value Changes with respect to Time
2. Data Byte Value Changes with respect to Control Limits

There are three options to include a frame on the InPlace Monitor.

1. Select Frame from Database
2. Select Frame from Transmit Frame Table
3. Add Frame to Transmit Frame Table and InPlace Monitor

Once a frame is included in the InPlace Monitor the Frame Acronym will be the name defined in the associated database or it will match the Frame ID if no database is associated. The timestamp and data will appear on the monitor, along with a toggle in the Living Signal field each time the frame appears on the bus. The background of the Data Byte field will be highlighted with the defined color each time there is the Data Byte value change within the defined ranges. The Configuration Data View defines the colors and ranges. The Configuration Data View is accessible via a right click on the InPlace Monitor.

The Configuration Data View defines two categories for possible color configurations.

1. Data Byte Value Change with respect to Time
2. Data Byte Value Change with respect to Control Limits

The Data Byte Value Change with respect to Time provides color selection for three modifiable ranges.

1. Fast
2. Medium
3. Slow

The Data Byte Value Change with respect to Control Limits provides color selection for four modifiable ranges.

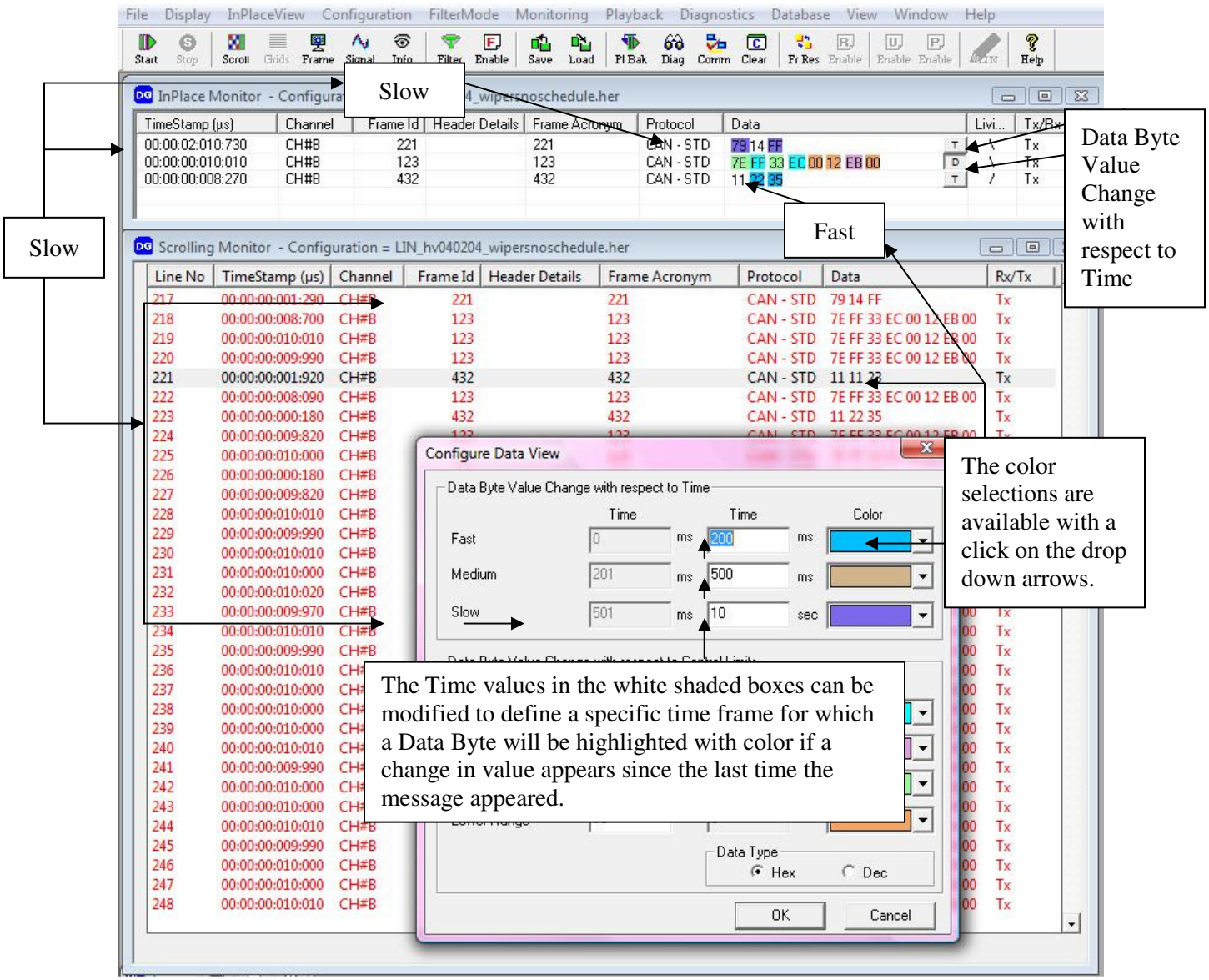
1. Upper Range
2. Middle-Upper Range
3. Middle-Lower Range
3. Lower Range

While actively On-line every line on the InPlace Monitor that contains a frame includes a toggle button on the right side of the Data column defined with a 'T' or a 'D'. A change to the toggle button selection with a click will alter the display to the previously define settings for the selected category.

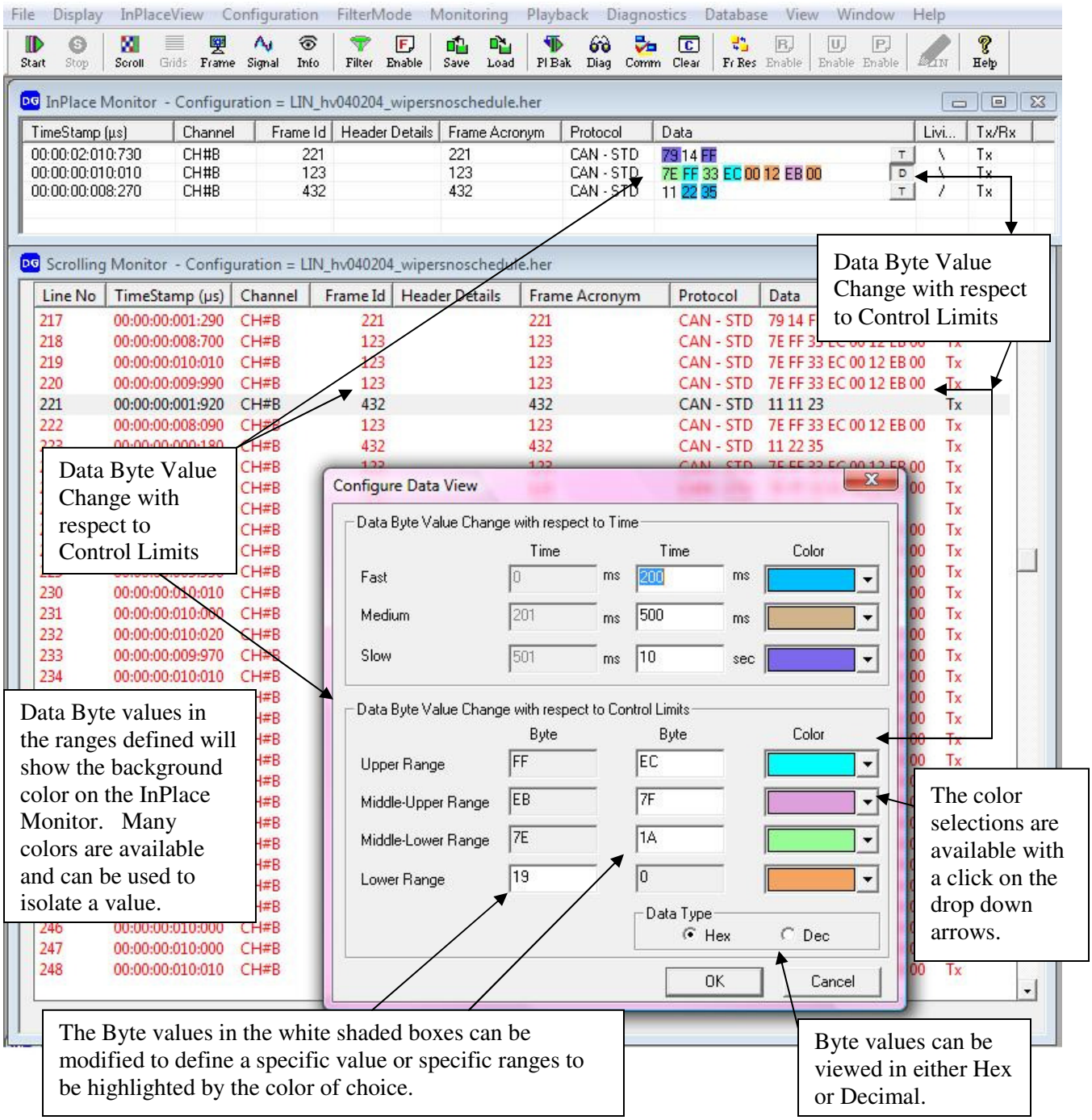
'T' represents Data Byte Value Change with respect to Time. (Default)
'D' represents Data Byte value Change with respect to Control Limits.

While On-line or Off-line the Configuration Data View can be modified to allow the user to isolate the needed information.

Data Byte Value Change With Respect To Time



Data Byte Value Change With Respect To Control Limits



The default color selections allow the User to define a color to a Data Byte value range. Each time a Data Byte value matches a defined range the color will appear in the background of the data on the InPlace Monitor. The User can change the value and the color to isolate message content. The color selections may be white to eliminate any color highlight.