CenCom Core™ Advanced Traffic Advisor™

Whelen Engineering Company, Inc.

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Scenario Operation

The Advanced TA Scenario configures the Traffic Advisor™ in CenCom Core™ to display a Traffic Advisor sweep for a set amount of time then display a warning pattern for another set amount time.

The two patterns will continue to cycle until the Traffic Advisor is turned off.

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Configuration Requirements

- CenCom Core™
- Control Head
- Lighting (Outputs, Lightbars, Inner Edge®)
- 1 Virtual Input
- 2 Events
- Priority Adjustments

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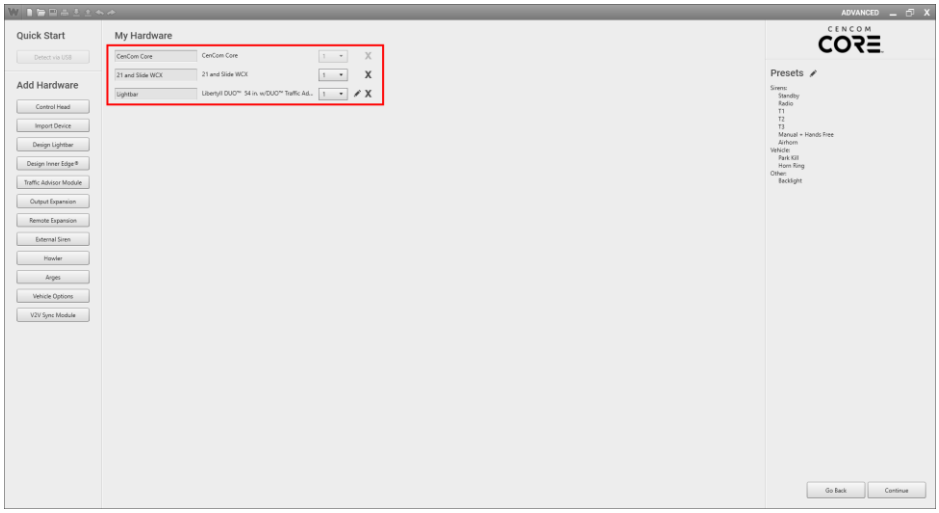

Add all required hardware

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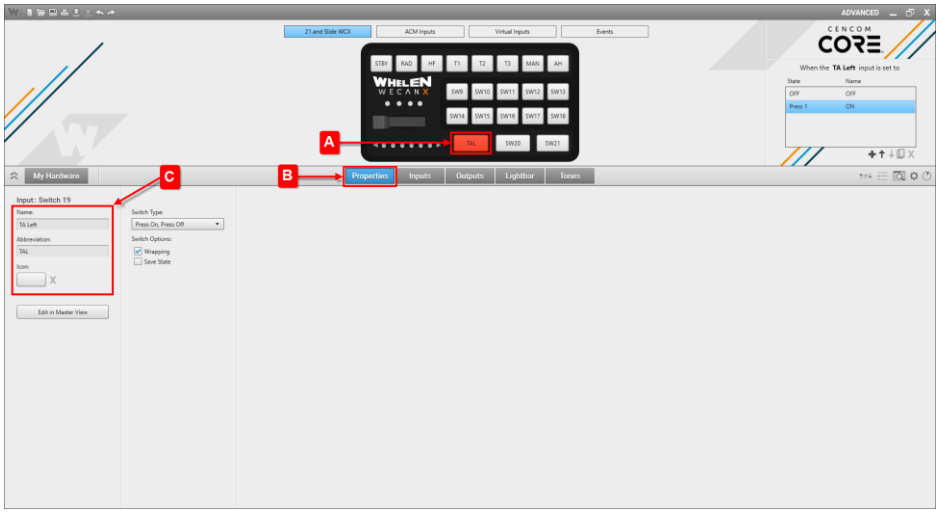

(A). Select the **Input** to be used for Traffic Advisor™ left and on the **(B). Properties** page **(C).** name the input **TA Left** and abbreviate it **TAL**

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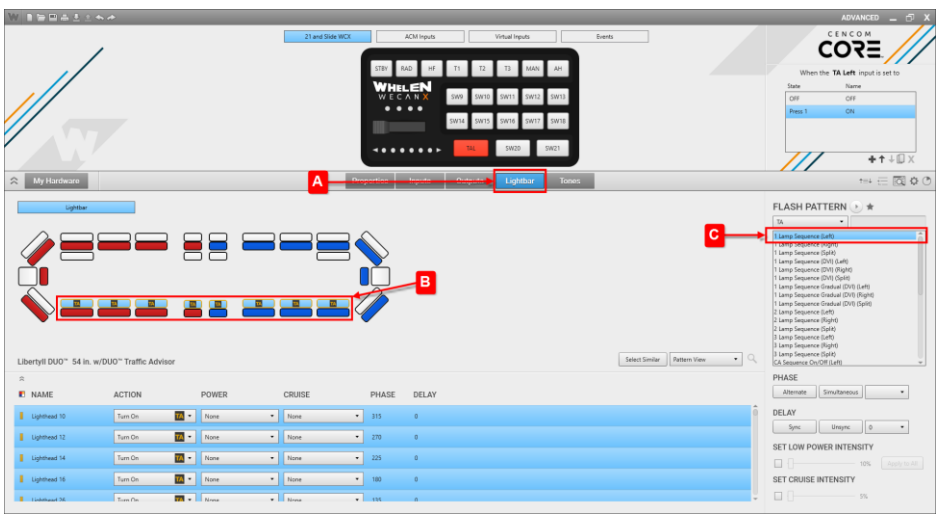

With **TAL** selected **(A).** on the **Lightbar** page **(B).** Select the **Amber** modules **(C).** and set the pattern to any **(Left) TA** pattern

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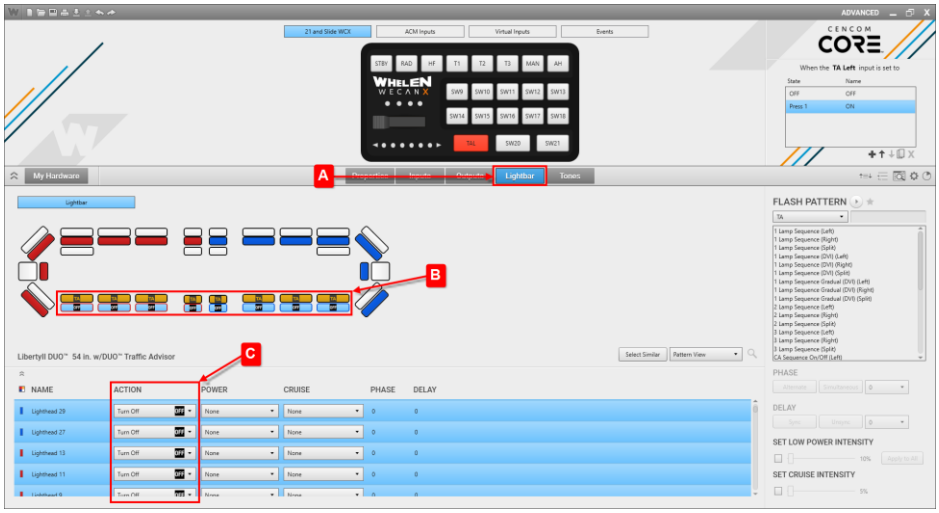

With **TAL** selected **(A).** on the **Lightbar** page **(B).** select the **Red** and **Blue** modules **(C).** and set the **Action** to **Turn Off**

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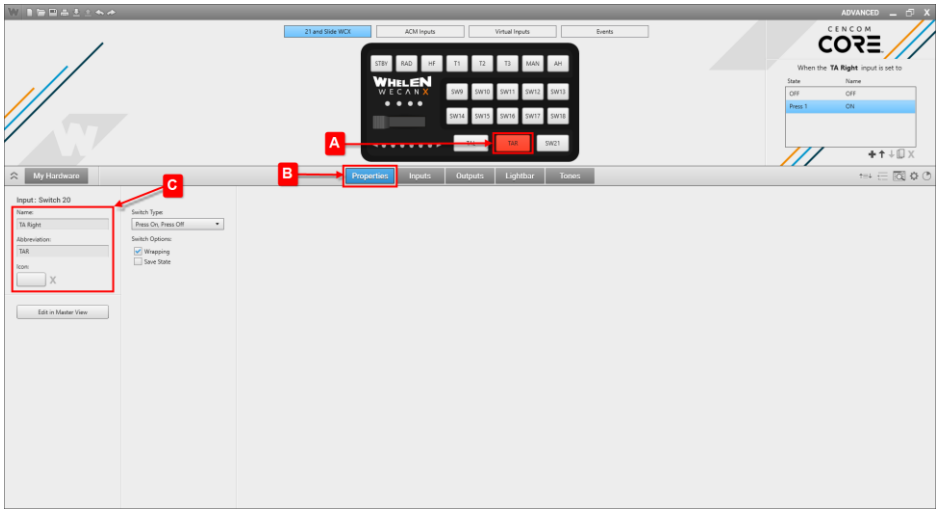

(A). Select the **Input** to be used for Traffic Advisor™ right and on the **(B).** **Properties** page **(C).** name the input **TA Right** and abbreviate it **TAR**

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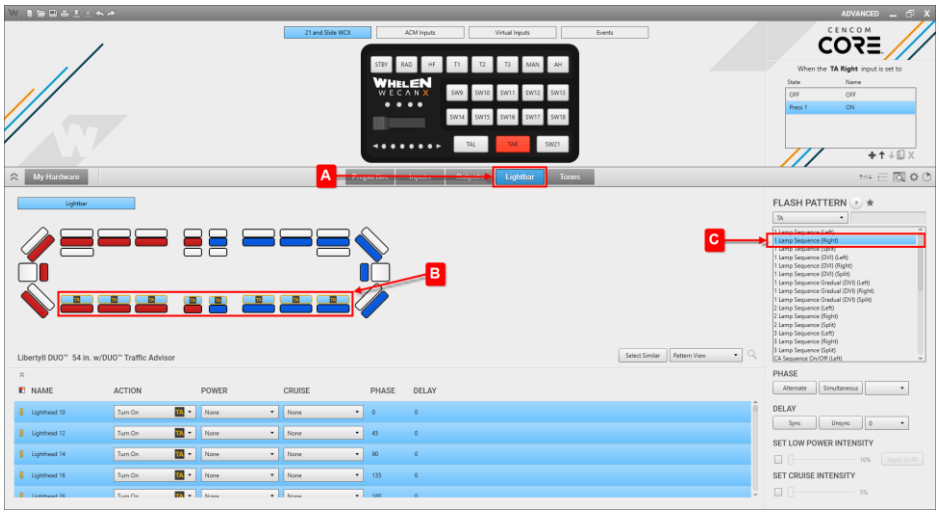

With **TAR** selected **(A).** on the **Lightbar** page **(B).** Select the **Amber** modules **(C).** and set the pattern to any **(Right) TA** pattern

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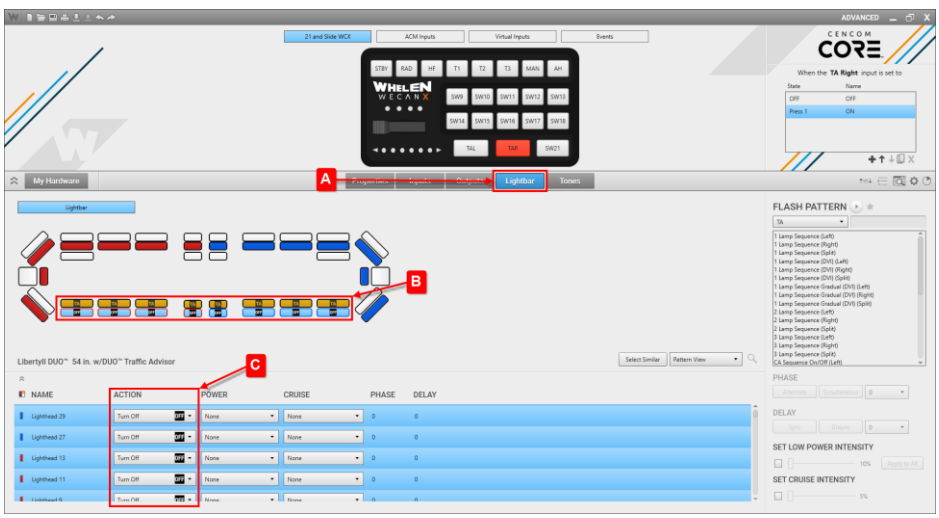

With **TAR** selected **(A).** on the **Lightbar** page **(B).** select the **Red** and **Blue** modules **(C).** and set the **Action** to **Turn Off**

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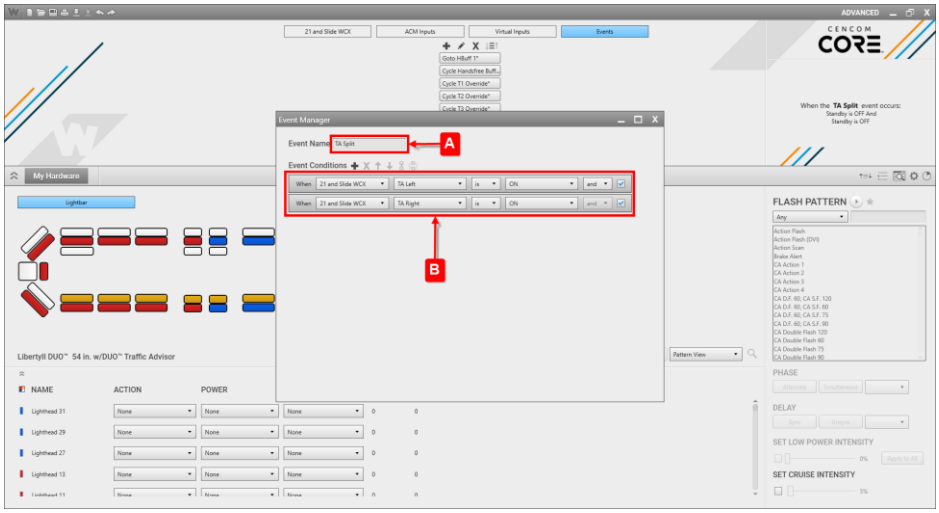

Add a new **Event** and **(A).** name it **TA Split** it will have 2 event conditions **(B). 21 and Slide WCX TA Left is ON** and, **21 and Slide WCX TA Right is ON**

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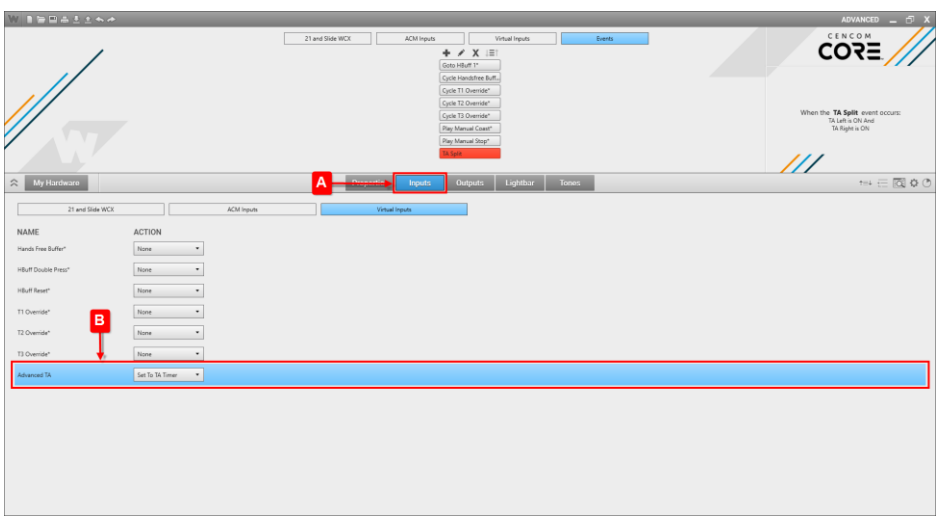

With the **TA Split** event selected on the **(A). Inputs** page under the **Virtual Inputs** tab **(B).** set the **Action** for **Advanced TA** to Set To TA **Timer**

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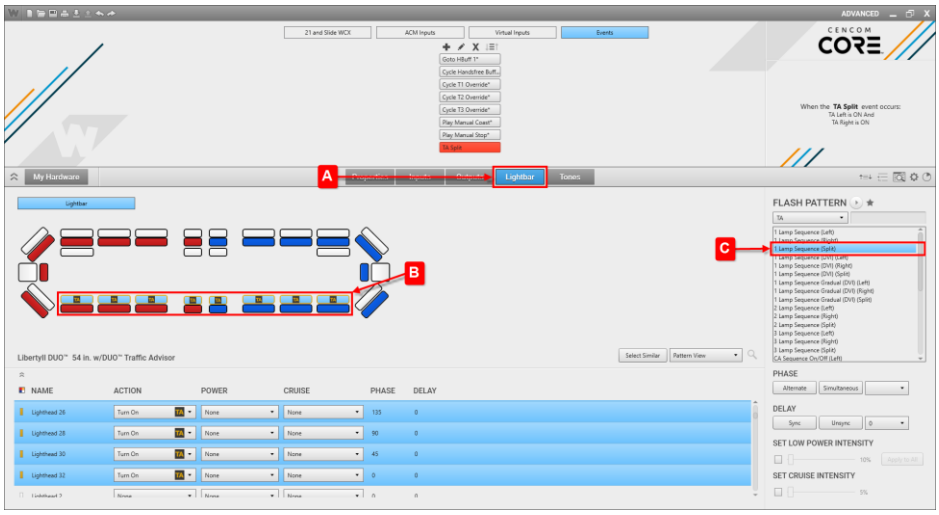

On the **TA Split** event **(A).** on the **Lightbar** page **(B).** Select the **Amber** modules **(C).** and set the pattern to any **(Split) TA** pattern

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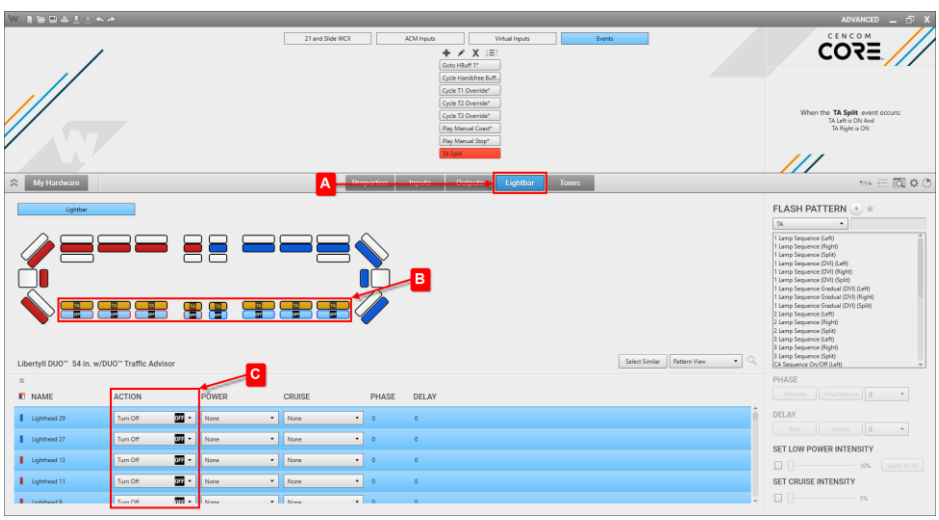

On the **TA Split** event **(A).** on the **Lightbar** page **(B).** select the **Red** and **Blue** modules **(C).** and set the **Action** to **Turn Off**

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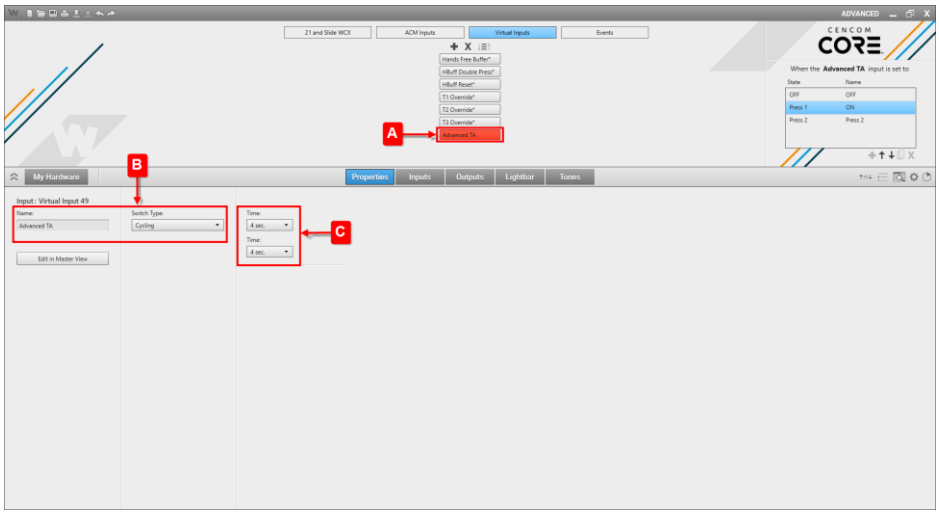

(A). Add a new **Virtual Input (B).** name it **Advanced TA** and set the **Switch Type** to **Cycling (C).** And set **Time 1** to **4 sec.** and **Time 2** to **4 sec.**

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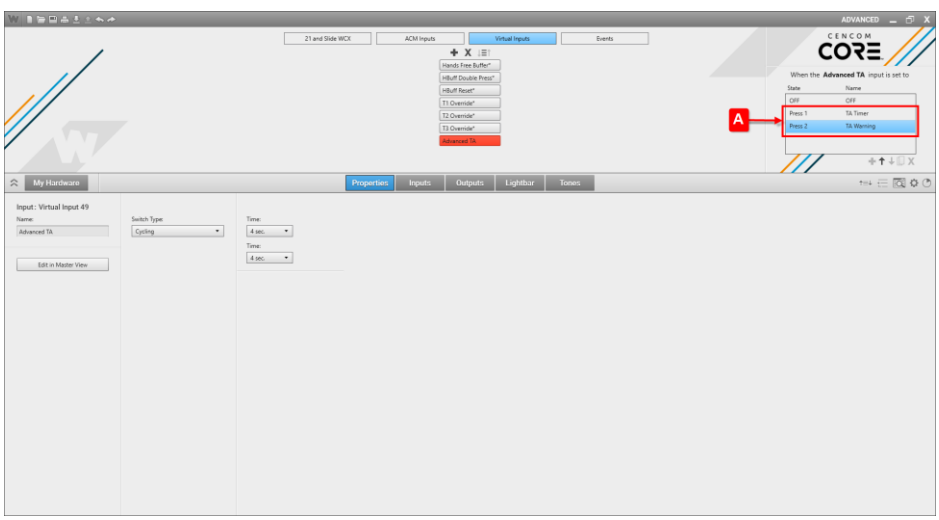

(A). Name Press 1 **TA Timer** and name Press 2 **TA Warning**

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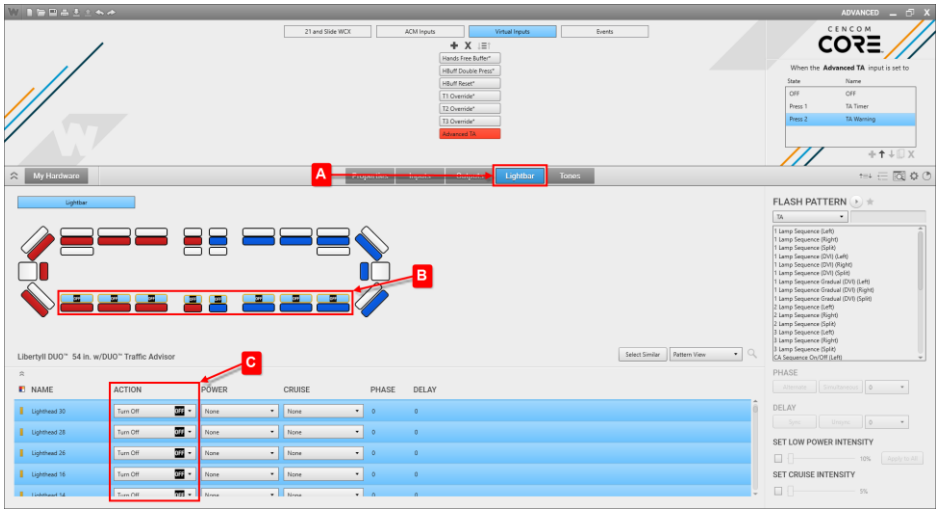

With **Advanced TA** selected **(A).** on the **Lightbar** page **(B).** select the **Amber** modules **(C).** And set the **Action** to **Turn Off**

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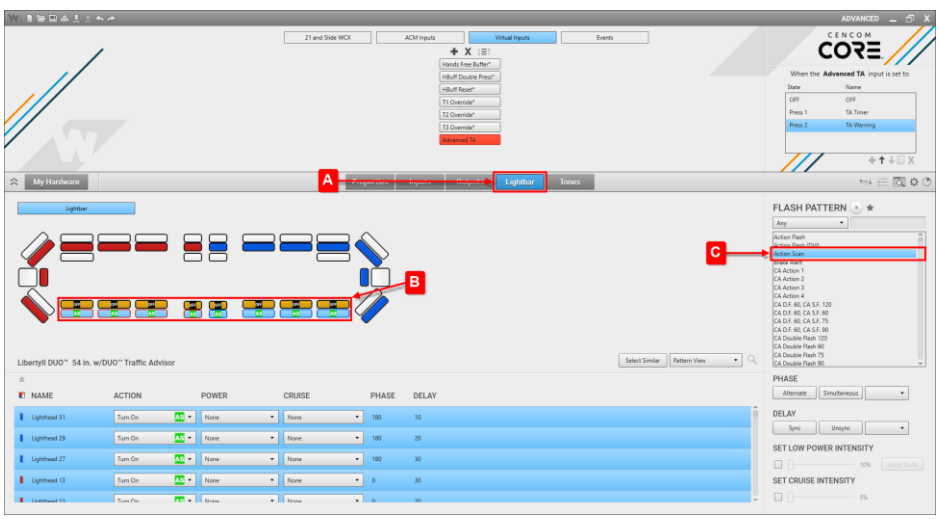

With **Advanced TA** selected **(A).** on the **Lightbar** page **(B).** select the **Red and Blue** modules **(C).** And set the **Action** to **Turn Off**

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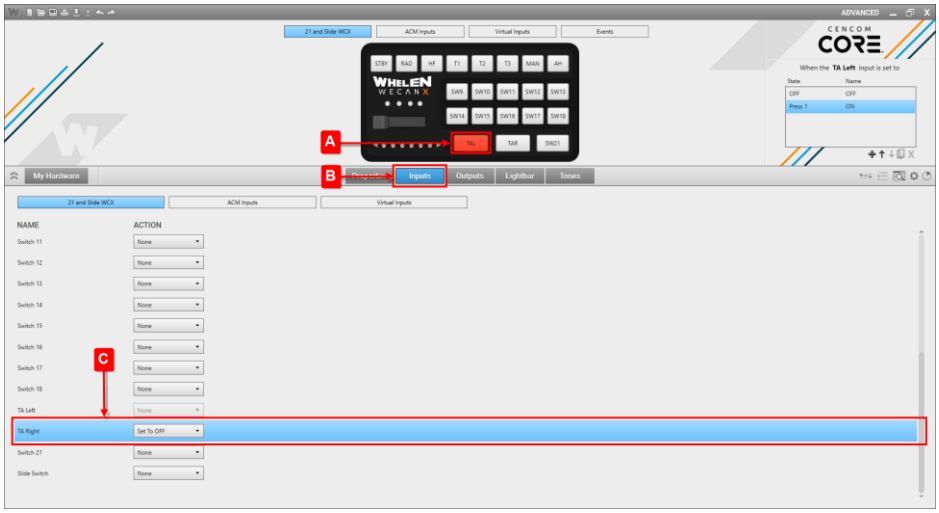

(A). With **TAL** selected on the **(B). Inputs** page under the **21 and Slide WCX** tab **(C).** set the **Action** for **TA Right** to **Set To OFF**

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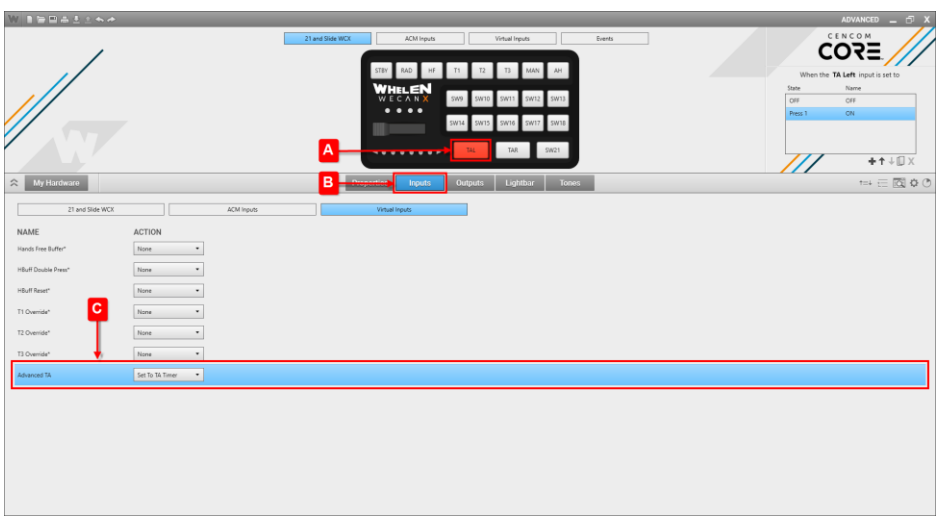

(A). With **TAL** selected on the **(B). Inputs** page under the **Virtual Inputs** tab **(C).** Set the **Action** for **Advanced TA** to **Set To TA Timer**

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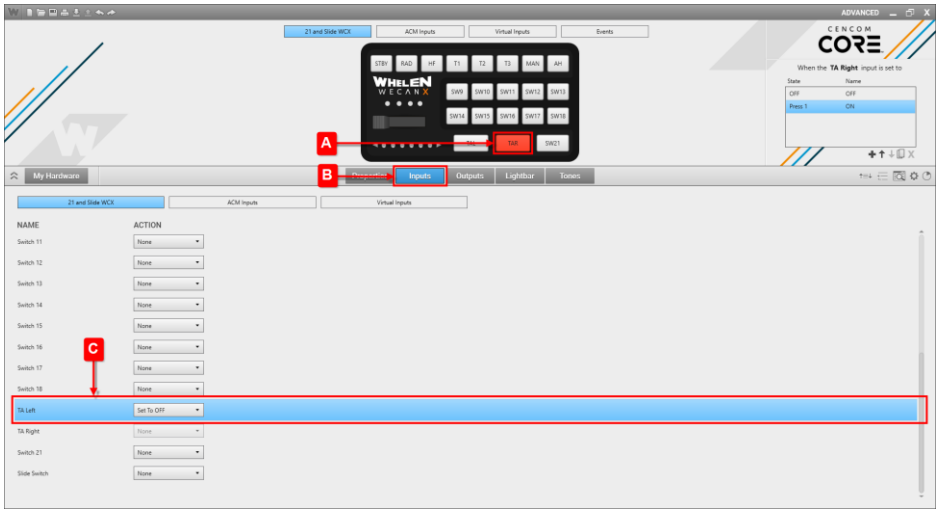

(A). With **TAR** selected on the **(B). Inputs** page under the **21 and Slide WCX** tab **(C).** set the **Action** for **TA Left** to **Set To OFF**

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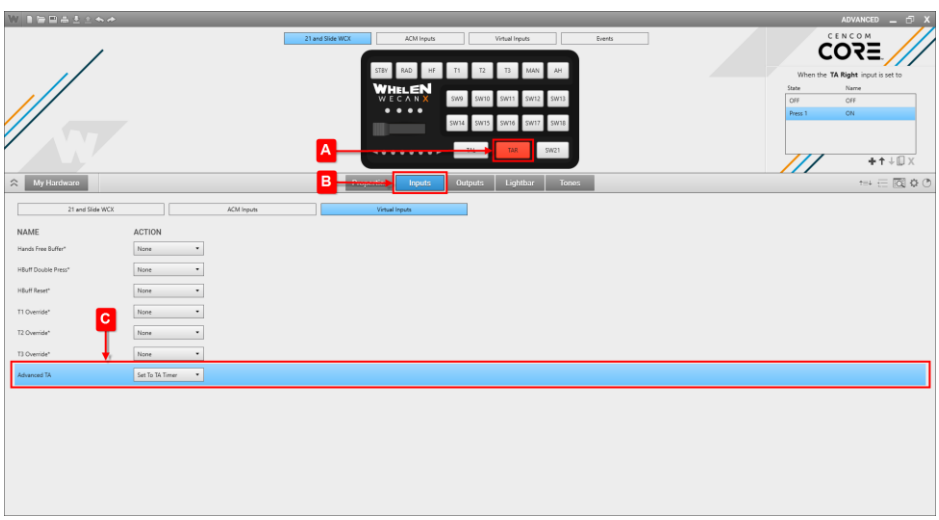

(A). With **TAR** selected on the **(B). Inputs** page under the **Virtual Inputs** tab **(C).** Set the **Action** for **Advanced TA** to **Set To TA Timer**

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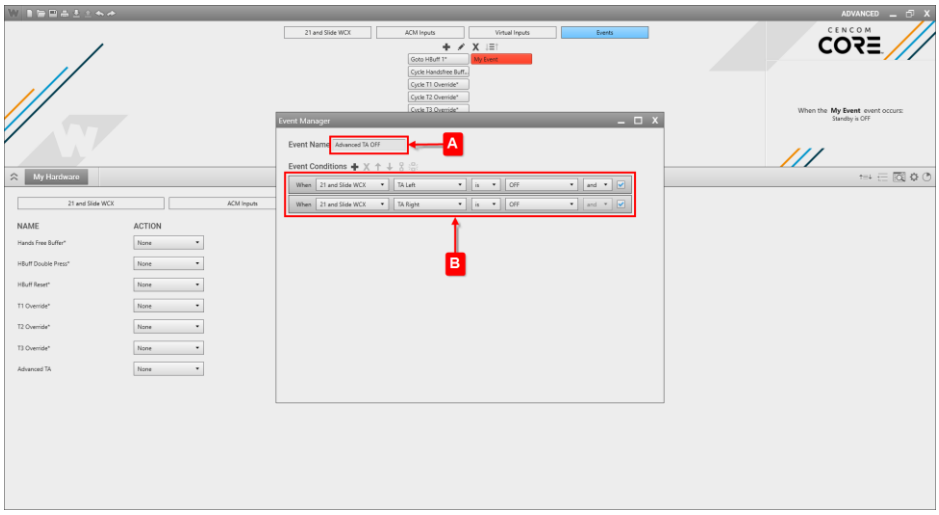

Add a new **Event (A).** name it **Advanced TA OFF** it will have 2 event conditions **(B). 21 and Slide WCX TA Left is OFF** and, **21 and Slide WCX TA Right is OFF**

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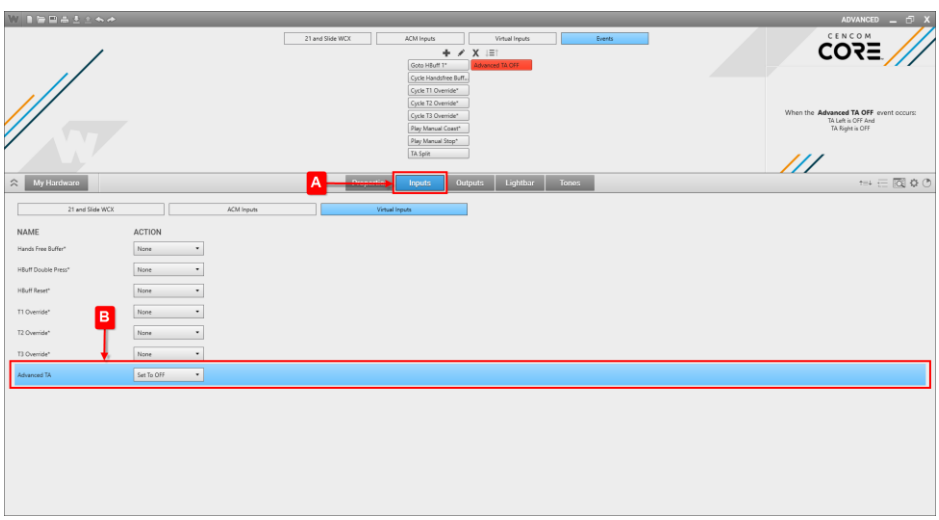

With the **Advanced TA OFF** event selected on the **(A). Inputs** page under the **Virtual Inputs** tab **(B).** Set the **Action** for the **Advanced TA** to **Set To OFF**

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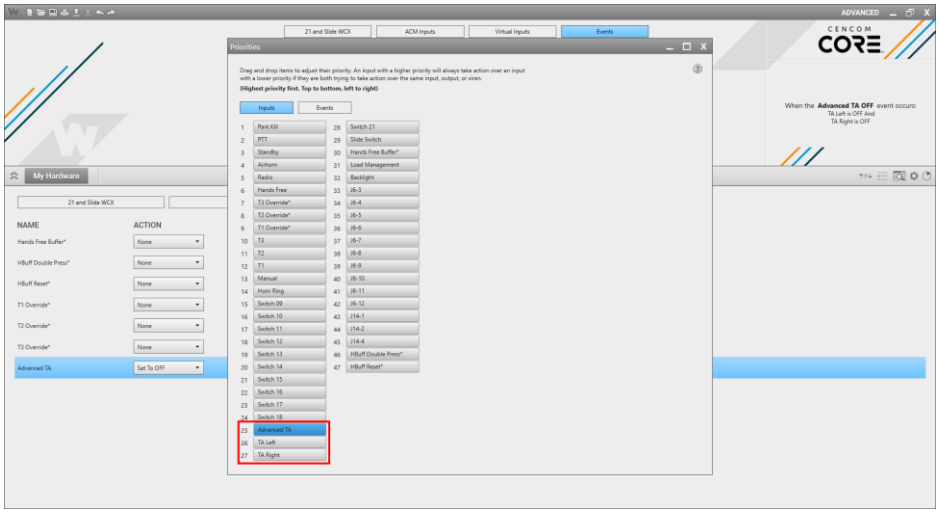

Move the **Advanced TA** virtual input above **TA Left** and **TA Right** to make sure that the **Advanced TA** overrides the **Traffic Advisor™**

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Scenario Synopsis

When **TA Left**, **TA Right** or the **TA Split** event is active the **Advanced TA** virtual input is set to **Press 1 TA Timer**. The **TA Timer** runs for 4 seconds while the **TA** pattern is displayed. When the **TA Timer** cycles to **Press 2 TA Warning**, the **TA** pattern is turned off displaying a flash pattern on the **Red** and **Blue** modules . **TA Warning** runs for 4 seconds before cycling back to **TA Timer**.

Once both **TA Left** and **TA Right** are turned off the **Advanced TA OFF** event turns off the **Advanced TA** virtual input.

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