User Manual Train Controller

CoE 1186

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**How To Open**

* Dispatch a Train using the CTC GUI
* Train Panel will open with dispatched Train

**How To Change Speed of a Train**

* Use the Set Speed Button to set the speed of the train to a value between zero and the Speed Limit

**How to Change Light Status**

* Using Light switch as a toggle switch, the user may turn the lights of the train on and off

**How to Change Door Status**

* Using Door switch as a toggle switch, the user may open or close the doors

**How to Set Temperature**

* User can enter any temperature in the text field between 50 – 70 degrees Fahrenheit

**How to Switch Active Trains**

* Use the Dropdown menu to select the Train ID you wish to set to active

**Emergency Brake**

* Click the emergency brake will cause the Train to stop as quickly as possible

**Passenger Emergency Brake**

* The Passenger pulls the emergency brake, causing the train to stop as quickly as possible

**Simulate Failure Modes**

1. Signal Failure
   1. The Train experiences a break of connection from the Track, causing it to emergency brake until it comes to a hault
2. Brake Failure
   1. The Train loses all brake functionality, causing it to drive on until the breaks are fixed, or it goes into the yard
3. Engine failure
   1. The Trains engine fails, causing the train to emergency brake to stop the train as fast as possible.