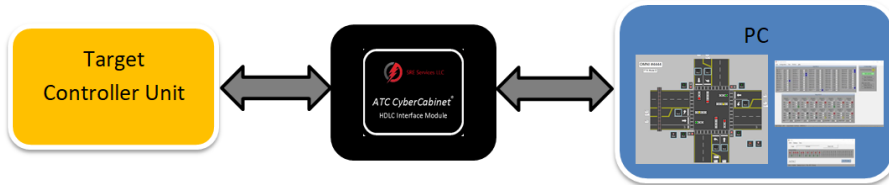


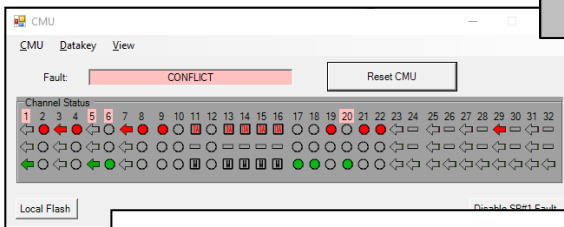
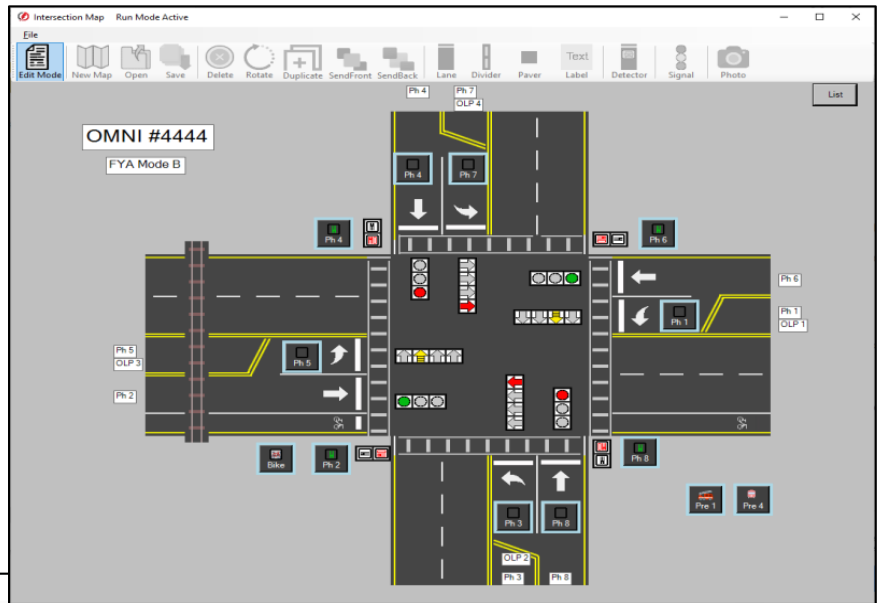
ATC CyberCabinet

The ATC CyberCabinet® software provides a Traffic Engineer with a software based solution to test and validate the functionality of an ATC Controller database and CMU/MMU2 compatibility, without needing a full ATC5301 or NEMA TS2 cabinet assembly in hardware.

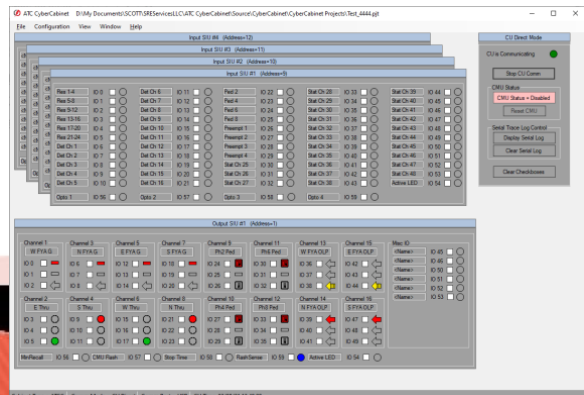


This will produce higher quality results in less time, while reducing or eliminating the need for call-backs once the intersection is operating.

- A built-in Editor is used to develop an icon based overhead view of the target intersection.
- Control icons provide clickable actions for Detector inputs, Ped buttons, and Preemption.
- Traffic signal icons reflect the Controller signal outputs.



Test & Validate the actual CMU / MMU2 Configuration programmed into the cabinet Signal Monitor



www.SreServicesLLC.com
 SreServices73@gmail.com
 022122
 CyberCabinet® is a trademark of SRE Services LLC

ATC CyberCabinet

Future-Proof your ATC Controller Development and Test Program

Virtual Cabinet Configuration	<p><u>ATC5301 Standard Cabinet</u></p> <ul style="list-style-type: none"> • 5 Input SIUs, 2 Output SIUs, and a 32 channel CMU. <p><u>NEMA TS-2 Standard Cabinet</u></p> <ul style="list-style-type: none"> • 4 Detector BIUs, 4 T&F BIUs, and a 16 channel MMU2. <p><u>TEES 332 Cabinet</u></p> <ul style="list-style-type: none"> • 1 Input FIO, 1 Output FIO, and an 18 channel CMU.
Main View Modes	<p>Controller operation can be viewed and exercised at the SIU/BIU device level (Device View), or with a higher level overhead view of the intersection (Map View).</p>
<i>Device View</i>	<p>The Device View presents SIU/BIU inputs and outputs as separate forms (devices) with a control for each IO pin; name field, status icon, and checkbox.</p>
<i>Map View</i>	<p>The Map View elevates the display to a bird's eye view of the intersection geometry. Active icons are used to drive Detector, Ped, and Preempt inputs. Programmable signal face icons display RYG controller outputs.</p>
<i>Map Editor</i>	<p>A built-in Map editor is used to construct the Map view for a target intersection using active Detector & Signal icons and road furniture.</p>
CMU Functionality	<p>A 32-channel CMU function is configured from the actual intersection Datakey parameters to validate compatibility with the Controller database.</p>
<i>Fault Detection</i>	<p>Conflict, Lack of Signal, Multiple, Y Clearance, Y+R Clearance, SB#1 Timeout, Local Flash, and Type 62.</p>
<i>FYA</i>	<p>Full support of Flashing Yellow Arrow including Virtual Channels.</p>
<i>Fault Log</i>	<p>A Previous Fault log is maintained to review any fault events captured by the CMU.</p>
<i>Datakey Load & Read</i>	<p>The CMU Datakey parameters can be read from a file or directly from the Datakey using a supported Datakey Reader device. MMU2 parameters can be read from a CFG file.</p>
Replay Mode	<p>Controller sequences can be Replayed and Saved to repeat and analyze a signal sequence in detail.</p>
Serial Comm Trace Log	<p>A Serial Bus #1 'sniffer' captures the HDLC frames and displays the frame data and timestamp for detailed real-time analysis.</p>
SIU Direct Mode	<p>The SIU Direct Mode can be used to monitor and control a physical SIU-2218 device in a test cabinet.</p>

