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Software Release Notice, Version 1.0

Greetings! We at Synercon Technologies are excited to announce the first production release of our TruckCRYPT software. TruckCRYPT software is a system of programs that run on the Forensic Link Adapter (FLA) and the Synercon Server to maximize data security. To access this software, please update your FLAs by connecting it to the Internet and pressing Update to enjoy the benefits of this new software version. There are no additional upgrade fees.

Some of the notable new features and enhancements include:

- Extraction of Quick Stop Records, Diagnostic Records, and External Trigger Records and Warranty Report data from most Caterpillar™ ECMs **even if the ECM suffered a power interruption during a crash**. This software can recover data that was previously considered unobtainable!
- Improved decoding of Detroit Diesel™ data. Engine hours associated with Last Stop and Hard Brake events are obtained, **which is an improvement over DDEC Reports** and can be critical when correlating diagnostic data from other sources (e.g. brake controllers and transmission controllers) to an event.
- Gathers event data without a PC laptop for Mercedes, DDEC IV, DDECV, some DDEC 6, CAT ADEMIII, and CAT ADEMIV engine control modules.
- Preview in the field for recently obtained data.
 - Rendering .XTR files on the local FLA website to preview with DDEC Reports.
 - Vehicle Speeds near the time of the events for Caterpillar ECMs.
- FLA front panel interface improvements with more information, better convenience, and more clarity.
- Enhanced J1939 passthrough and logging feature for a better experience with other PC based software. This means the FLA can be used with newer Cummins and Detroit Diesel software
- Many J1587 and J1939 Standards based data elements are automatically gathered. These include:
 - Odometer reading
 - Component Information and VIN
 - Trip totals
 - Engine Hours
 - Engine Configuration
- User Entered Report notes are available on the FLA portal.
- Forensic hash values are displayed at the bottom of each report to verify the digital files.
- Complete network logs are available as a comma separated value table for each forensic examination. Each network log has its own hash value for verification.
- Interpreted Active Fault Codes (DM1) are displayed on an FLA screen.
- Detailed time records are kept for each forensic download:
 - FLA System Time when User Acknowledges Permission
 - FLA System Time when ECM clock was read
 - ECM internal clock time
 - GPS based time of the last GPS Lock
- GPS coordinates to address translations are provided and displayed on the report
- The PDF of the user manual is automatically updated along with the software during an FLA update.
- DG Drivers are included in the FLA local website for RP1210 mode in the field.

Thank you for your patience as we roll out this product. Synercon is proud to serve our customers by getting as much digital data from heavy vehicles as possible. Please feel free to contact us with any future feature requests or vehicles to support. – The Synercon Technologies Team.