

Frequently Asked Questions

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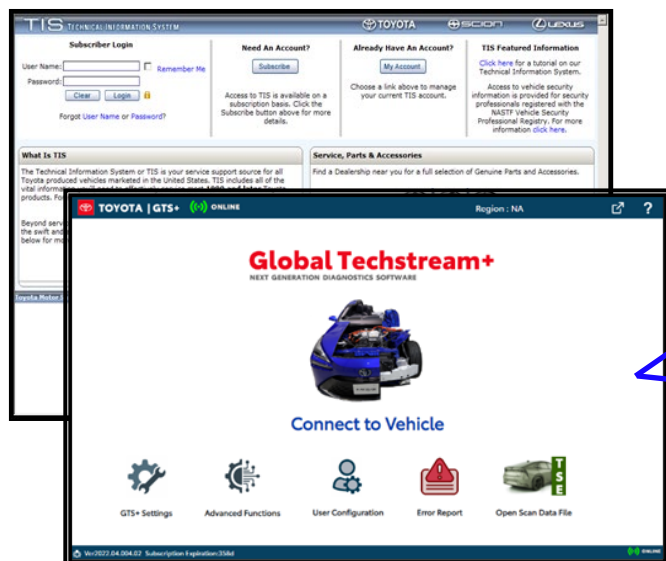
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What is Techstream Lite?

Techstream Lite is a supplemental, low cost diagnostic platform comprised of Techstream diagnostic software, a generic Laptop/PC and a Techstream Lite Kit.

TIS & Techstream Diagnostic Software



Techstream Lite



Full Techstream ADVi




What do I need to operate Techstream Lite?

- 1) Personal Computer (PC) – Obtain a PC that meets the Techstream Lite minimum requirements and ensure proper connection to the internet. A persistent internet connection is not required but a weekly connection to TIS is necessary.
- 2) TIS Access – <https://techinfo.toyota.com>
- 3) Techstream Lite Kit – Purchase a Techstream Lite Kit from Approved Dealer Equipment. Please review kit options and order details on the next page to determine which kit you will need.



What is included in the Techstream Lite Kit?

There are two options available. Techstream Lite Kit order details are below.

| | Recommended | |
|---|-------------|-----------|
| Part Number | TSLP3SW01 | TSLP3AM01 |
| Price (plus S&H and sales tax): | \$1645 | \$545 |
| Mongoose-Plus MFC3 VIM | Yes | Yes |
| One Year Diagnostic Professional Subscription to TIS* <ul style="list-style-type: none"> - Library Access (Repair Manual, Wiring Diagram, etc.) - Techstream Diagnostic Software subscription - ECU Reprogramming Calibrations access - Visit https://techinfo.toyota.com for additional details | Yes | No |
|  <ul style="list-style-type: none"> - Access to Direct Hit for Toyota/Scion/Lexus models - Visit www.identifix.com for additional details | Yes | No |



An active subscription to TIS (<https://techinfo.toyota.com>) is required to use Techstream Lite. We recommend that aftermarket customers purchase part number **TSLP3SW01** as it includes the necessary access to Service Information, GTS+ Software and Reprogramming Calibrations.

***NOTE:** GTS+ Software use is limited to one registered Techstream Lite software installation per professional TIS subscription. You must purchase additional Professional Diagnostic TIS subscriptions to use GTS+ Software on additional PCs.

How do I purchase a Techstream Lite Kit?

Ensure the PC that you plan to use meets the minimum requirements. A secure internet connection is required to access and use the GTS+ Software.

To order, call Approved Dealer Equipment at **1-800-368-6787**

How quickly can I expect my order to ship?

Typically, your order will ship within 3 business days by ground delivery. Orders can be express shipped for an additional charge.

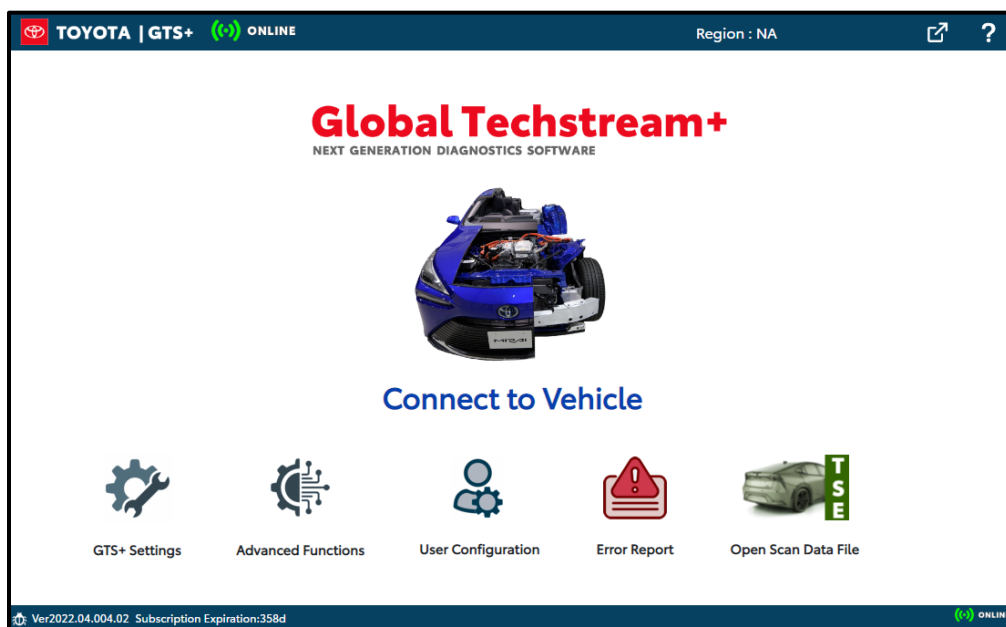


I already have an annual Standard TIS subscription. Can I convert it to a Professional Diagnostic subscription?

The Techstream Lite Kit includes a one-year Professional Diagnostic subscription. If you already have an annual Standard TIS subscription, please call Techinfo Support at 1-877-762-7666 so we can help upgrade your account.

GTS+ software use is limited to one installation per professional TIS subscription. You must purchase additional Professional Diagnostic TIS subscriptions to use GTS+ software on additional PCs.

***NOTE:** The GTS+ Software expiration is determined based on the duration of your Professional Diagnostic TIS subscription. When your TIS subscription expires, your GTS+ software will no longer connect to a vehicle. Once your subscription is renewed, you will be able to login and use the GTS+ software again.



What does it cost to convert my current Standard subscription to a Professional Diagnostic subscription?

The upgrade charge is based on a straight prorate of the remaining days on the existing Standard subscription. A standard subscription is \$505* / 365 days or \$1.39 per day. A Professional Diagnostic subscription is \$1360* / 365 days or \$3.73 per day. The difference of \$2.34 per day is the prorated fee.

*Pricing at the time this document was published which are subject to change.



Example:

If you have 100 days of an annual Standard subscription remaining and you would like to upgrade to a Professional Diagnostic TIS subscription you would be charged \$234.00 (\$2.34 x 100 days) for the upgrade. See below for the calculation:

$<<100 \text{ (days remaining)} \times \$2.34 \text{ (prorated fee per day)} = \$234.00 \text{ (prorated fee for 100 days)}>>$

I already have a Professional Diagnostic subscription but would like to convert to a Security Professional subscription. How do I make this change?

Please call Techinfo Support at 1-877-762-7666 for special instructions.

Can I download the GTS+ software on multiple PCs?

Software use is limited to one installation per professional TIS subscription. You must purchase additional Professional Diagnostic TIS subscriptions to use GTS+ software on additional PCs. If your PC is damaged or if you need to change PCs, please call Techinfo Support at 1-877-762-7666.

What is the warranty on Techstream Lite?

The Mongoose-Plus MFC3 and MongoosePro MFC2 VIMs are warranted for 12 months from the point of purchase. For inquiries about the warranty please contact Opus IVS:

By E-mail: J2534support@opusivs.com.

By Phone: (734) 222-5228 option 2,1

By Mail: Opus IVS™ 7322 Newman Blvd Building 3 Dexter, MI 48130 United States

PC warranty will depend on the PC you select.

What support is offered with the Techstream Lite?

Our support team will help with Techstream Lite installation, software configuration, Mongoose-Plus MFC3 and MongoosePro MFC2/MFC VIM hardware issues. Due to the potential differences in PCs, operating systems, and configuration, it is impossible for us to guarantee that we can resolve all issues. You may need to work with your PC manufacturer to resolve some issues.

How does Techstream Lite connect to a PC/Laptop?

The Mongoose-Plus MFC3 and MongoosePro MFC2/MFC VIMs connect with a standard USB port. Installation requires the following simple four step process. Detailed instructions are available on TIS.

- 1) Download and install the Mongoose-Plus MFC3, MongoosePro MFC2 or MongoosePro MFC setup software (available from TIS).
- 2) Connect Mongoose-Plus or MongoosePro to the laptop/PC via a USB port.
- 3) Install GTS+ software and set the VIM selection. From the GTS+ main menu, select GTS+ Settings -> VIM Select and choose the appropriate device in the Interface setup menu.
- 4) Use GTS+ software normally.



Is Techstream Lite functionally equivalent to a full Techstream ADVi system?

Yes. Techstream Lite supports all DLC3/J1962 based diagnostic functions on 1996 and later Toyota/Lexus/Scion vehicles.

Can I use any PC with Techstream Lite?

You can use any PC that meets the minimum requirements listed below.

| PC Requirements | |
|--------------------------------|---|
| Supported Operating Systems | Windows 10 or Windows 11 (Mongoose-Plus MFC3, MongoosePro MFC2 and MongoosePro MFC only) 32 bit or 64 bit |
| System Memory | 8 GB or Higher |
| Available Disc Space | 256 GB Minimum |
| Processor | Intel i5, Ryzen 5 or greater 1.5 GHz or greater |
| Network Connection | Standard broadband internet connection is required for GTS+ Software to operate. 100 Mbps or greater (10 Mbps minimum) |
| USB | 1.1 / 2.0 / 3.0 |
| USB 2.0 / 3.0 Extension Length | 16 feet maximum |
| Display Color | 24-bit |
| Display Resolution | Minimum: 1024 x 768 |
| Browser | Internet Explorer 11 Firefox 21.0 or later Google Chrome |
| TIS Plug-Ins | Adobe Flash Player 11 or later Java™ Version 7 or later Adobe SVG 3.03 Adobe Reader 7 or later |



Who should I contact if I have issues?

| Issue | Contact |
|---|--|
| TIS (Techinfo) Website | Techinfo Support at 1-877-762-7666* |
| Techstream ADVi System | |
| Moongoose-Plus MFC3 or MongoosePro MFC2/MFC VIMs | |
| GTS+ Software | Send error report using "F12" key or call Techinfo Support |
| Generic Laptop/PC | Laptop/PC manufacturer or local PC support |

**Note: Techinfo Support will not provide vehicle-side diagnostic assistance.*

What is a Vehicle Interface Module (VIM)?

A Vehicle Interface Module is a protocol interpreter that allows a PC to communicate with the various vehicle systems through the DLC3 (J1962) diagnostic connector.

What is J2534?

J2534 is an SAE standard that establishes common VIM specifications across the automotive industry so that a single J2534 VIM can be used to reprogram any manufacturer's vehicle. Toyota is required by CARB/EPA to support specific J2534 functions. This SAE J2534 standard was originally focused on ECU reprogramming. Toyota has modified the GTS+ Software to use the J2534 standard for a majority of the diagnostic functions.

Why did Toyota select the Mongoose-Plus and MongoosePro J2534 VIMs for the Techstream Lite Kit?

The GTS+ Software has been modified to meet the SAE J2534 standard for vehicle interface modules. While there are many J2534 devices available, Toyota cannot validate all of them. The Mongoose-Plus MFC3 and MongoosePro MFC2/MFC are elegantly packaged VIMs that are competitively priced. We have done extensive pilot testing with the Mongoose-Plus MFC 3 and MongoosePro MFC2/MFC and have received overwhelmingly positive feedback from technicians and regional office personnel. While we cannot claim the Techstream Lite will support all Techstream functions, we tracked over 2,000 Techstream Lite connections during a pilot, and we estimate the Techstream Lite set will perform 95+% of all functions. We actively work to address any Techstream Lite bugs found when using the Mongoose-Plus MFC3 and MongoosePro MFC2/MFC VIMs.

Can the Mongoose-Plus and MongoosePro VIMs work on other manufacturer's vehicles/software?

Toyota has not tested the Mongoose-Plus MFC3 or MongoosePro MFC2/MFC with other manufacturer's vehicles/software. For more information on the Mongoose-Plus MFC3 and MongoosePro MFC2/MFC capabilities, please contact Opus IVS at 877-888-2534 (option 3).



Will other J2534 devices work with GTS+ Software?

Likely, but Toyota has not tested other configurations. GTS+ Software validation is focused on the full Techstream ADVi system, Mongoose-Plus MFC3 and MongoosePro MFC2/MFC VIMs. At this time, we do not recommend or support other J2534 devices for diagnostics.

Toyota has approved other J2534 devices, can I use those?

Toyota has approved a number of J2534 devices for reprogramming only. Toyota has not validated or approved these devices for diagnostics. The Mongoose-Plus MFC3 and MongoosePro MFC2/MFC are the only J2534 device that Toyota recommends for diagnostic functions.

Toyota no longer offers the Flash Reprogramming DVD. How do I access calibration information?

Flash reprogramming or vehicle calibration files are now available for download from TIS. A two day or annual Professional Diagnostic TIS subscription is required to access the calibration file information. Please visit <https://techinfo.toyota.com> to learn more.

Can I use a USB extension cable with the Mongoose-Plus and MongoosePro VIM?

Yes, USB extensions can be used in conjunction with the Mongoose-Plus MFC3 and MongoosePro MFC2/MFC VIMs. USB cable extensions are relatively inexpensive and can be purchased from several common electronics retailers. If you use a generic USB extension cable with the Mongoose-Plus MFC3 and MongoosePro MFC2/MFC VIM, ensure that you do not exceed a total length (device + extension) of 16 feet or communication errors may occur. Active USB extension cables are available if you need to extend more than 16 feet.