

*Integration + Mobility = Efficiency & Profitability*

[www.tistechstream.com](http://www.tistechstream.com)



*Building <sup>the</sup> Service Bay of the Future*



*The Power of Information  
at Your Fingertips*





The Service Bay of the Future  
puts all available service resources...

**in the technician's hands  
at the vehicle!**

**The Future Starts Now!**





TIS  
DEALER DAILY

WIRING DIAGRAM

REPAIR MANUAL

TECHNICAL SERVICE BULLETINS

SPECIAL SERVICE CAMPAIGN INSTRUCTIONS

DIAGNOSTIC TROUBLE CODE INFORMATION

TRAINING INFORMATION

Secure wireless system allows access to TIS and Dealer Daily. Offers DMS and network resource access at the dealership's option.

TIS techstream sends and receives TIS data while simultaneously communicating directly with the vehicle for scantool functions.

Millions of pages of service information can be accessed at the point of repair.

■ **Preparing Today, for the Technology of Tomorrow.**

The Service Bay of the Future offers a comprehensive service support system combining resources such as: Service information, a scantool, and diagnostic/repair utilities . . . all accessed with a single portable appliance called **TIS techstream!**

By adding secure **High-Speed Wireless** to the service department, we enable TIS techstream to instantly access millions of TIS pages, reprogram vehicles, and view warranty history from anywhere in the shop.

**The Service Bay of the Future**

- Wireless • Techstream • TIS 2.0

## Moving Forward to the Service Bay of the Future

### ■ **High Speed Data Access**

With an advanced vehicle interface, TIS techstream supports the high-speed data used in our newest and most sophisticated vehicles.

*Benefits: Increases service efficiency by accessing vehicle data in real-time to quickly spot intermittent problems and reprogram vehicles up to 75% faster.*



### ■ **Instant Access to TIS at the Point of Repair**

With TIS techstream and a secure wireless connection to your local area network, technicians can access service information, valuable reprogramming data and just about anything they need to diagnose and repair your customers' vehicles.

*Benefits: Improvements in speed, accuracy and efficiency have a provable short-term payback.*

### ■ **Faster Document Searching**

The new technical information website, TIS 2.0, uses the latest in web technology to provide a faster and more comprehensive search across millions of pages of service information...in seconds.

*Benefits: Faster and more thorough document searches result in improved repair efficiency and accuracy.*

### ■ **Support for Legacy Models, New Models and New Service Technologies**

TIS techstream will provide complete factory-level diagnostic support for all Toyota, Lexus, and Scion models 1989 and beyond.

*Benefits: TIS techstream supports every car that you service and it is designed to evolve with emerging vehicle and service technologies.*

### ■ **Access to Vehicle Warranty Service History**

TIS techstream displays available campaigns, vehicle specifications and warranty history . . . all on a single screen

### ■ **Interactive Electronic Wiring Diagrams (EWD)**

Beginning in 2006, interactive wiring diagrams are optimized for TIS techstream viewing. Technicians can easily highlight circuits, identify component locations, and view connector diagrams.

*Benefits: Techstream improves service efficiency and repair accuracy by making it easier and faster to accurately diagnose electrical problems.*



### ■ **One-Touch Diagnostic Health Check**

Technicians can run a comprehensive vehicle diagnostic check with one command. A single screen displays open service campaigns, health status for all on-board systems, and available control module updates.

*Benefits: Improves customer satisfaction by helping you identify the services your customers need.*

## ■ Improved Technical Assistance System (TAS)

TIS techstream ushers in a whole new era of factory support. A fully streamlined TAS process empowers technicians to request assistance and to share vehicle data and photos with TAS agents – without leaving the service bay.

*Benefits: On difficult to repair vehicles, technicians save time with instant access to factory support.*

## ■ World-Class Support

TIS techstream is supported with a comprehensive, no-fault, “Next Business Day Restore” program through 2012.

*Benefits: A well trained customer support staff will ensure that your TIS techstream appliances remain up, running, and generating profits.*



## Panasonic Toughbook PC

- Runs the Techstream Diagnostic Application
- Daylight viewable display
- Windows XP operating system
- Wireless ready (802.11 a/b/g)
- Meets military durability standards
- Combines conventional laptop PC with tablet functionality

## Techstream Diagnostic Appliance

### DENSO Vehicle Interface Module (VIM)

- Supports PC-to-vehicle communication
- Stand-alone vehicle data recorder capability

### Custom Power Supply

- Charges Toughbook when connected to vehicle
- Allows TIS techstream to operate through multiple work shifts without depleting battery

### Snap-on TIS techstream Backpack

- Docks with Panasonic Toughbook
- Provides power management and vehicle interface functions for the Toughbook
- Integrates service information and vehicle diagnostic functions
- Durable impact-resistant case

### Docking Station (not shown)

- Mounts to work bench (wall mount available)
- Doubles as workstation and Toughbook charger
- Provides secure lockdown for entire appliance

## ■ Building the Service Bay of the Future

### 1) Install secure High-Speed Wireless Network

To prepare for TIS techstream, dealers will need to have a secure wireless network, covering all service areas, installed by the end of July 2006. Detailed requirements and recommendations are available at [www.tistechstream.com](http://www.tistechstream.com). To get started, please review these requirements with your IT professional and/or DMS provider.

### 2) Order TIS techstream

Your Region/Area Representative will be consulting with you Q3 2006.

### 3) Preparing for TIS techstream Delivery and Installation

Upon completion of your secure wireless installation, you will be asked to complete an "on-line" Dealer Wireless Status form. This form notifies the installer that your network is ready for delivery, installation and configuration of TIS techstream appliances.

### 4) TIS techstream Installation

Upon TIS techstream delivery, an installation expert will visit your dealership, meet with your IT provider, get your TIS techstream up and running, and familiarize your staff with this new product.

In addition, comprehensive multi-phased training will be available to support the roll-out of TIS techstream.

## Service Bay of the Future Rollout Schedule

2006												
January	February	March	April	May	June	July	August	September	October	November	December	
	Wireless Installation											
			TIS techstream Order Collection									
							TIS techstream Installation					

02/06 – 07/06  
Wireless Installation

04/06 – 07/06  
TIS techstream Order Collection

09/06 – 12/06  
TIS techstream Installation

### Other Useful Resources

[www.starstandard.org](http://www.starstandard.org)

The NADA Standards for Technology in Automotive Retail (STAR) is the auto industry's IT standards organization. The STAR Dealer Infrastructure Guide is a valuable resource for dealers and their IT providers.

[www.tistechstream.com](http://www.tistechstream.com)

This website contains the TIS techstream brochures, FAQ, and other materials.