

Customer projects



- Hessen Mobil, Hesse, Germany.
- Strassen NRW, Northrhine Westfalia, Germany.
- LSBB, Saxony-Anhalt, Germany.

Used by

- Road agencies (national, state, county).
- Municipalities.
- Contractors.

Purchase

- Flexible and scalable licensing and pricing.
- Annual and perpetual license options.
- Either from GEWI or authorized partners.

System

- Configurable platform for customized solutions.
- Centralized or distributed.
- High availability with load balancing and failover.
- Complete hosted solution available.
- Small to large deployments.

Implementation

- Quick deployment and easy to learn.

Operation

- 24/7 incident support.
- Solution as managed service available.
- New and improved features available regularly.

Other solutions



Road Incident Management



Public Transport



ITS Asset Management



Traffic and Travel Information Services



Real-Time Information for Navigation



Traffic News for Radio



Connected and Automated Vehicle Testing

About GEWI

GEWI provides solutions to support the seamless and efficient transportation of people and goods. The solutions are based on GEWI's TIC product, a commercial off-the-shelf software (COTS) platform that is highly configurable and offers ease of deployment. Proven in many commercial and government projects worldwide, TIC was first introduced in 1997, and is now in its fourth generation. Founded in 1992, GEWI has become a global business with corporations in Europe, and North America.

Memberships



More information and contacts

For more information about GEWI business, solutions, and TIC product, to find a contact in your region, or to subscribe to the GEWI newsletter, please visit www.gewi.com.

TIC for Work Zones

Reduce traffic impact by sharing accurate work zone information.



- Supports work zone planning and operations.
- Create and share information.
- Submit requests for permits.
- Issue permits.
- Reach navigation systems and automated vehicles.
- Work consistently.
- Intuitive and fast data entry.
- All in one system.
- Commercial Off-the-Shelf (COTS) product.

Solutions to Support Seamless and Efficient Transportation

Plan

Operate

-  Request for Traffic Control Permit
-  Planning Systems
-  Work Zones
-  Traffic Flow
-  Digital Map
-  Diversion Routes
-  Photos
-  Videos

Create requests for permits

Contractors can create requests for permits online. The requests will be send automatically to the responsible road agency.

Analyze requests for permits

Get feedback from other agencies such as police.

Create permits

Create traffic control permits easily by using custom templates.

Avoid conflicts when planning work zones

The impact of work zones can be quickly and easily minimized when information about all work zones (from all agencies, for all road classes, cross-border) is available on the same system.

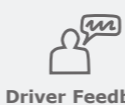
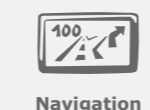
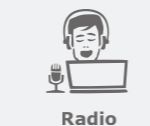
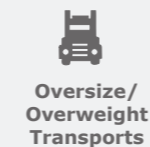
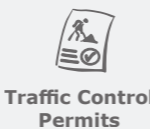
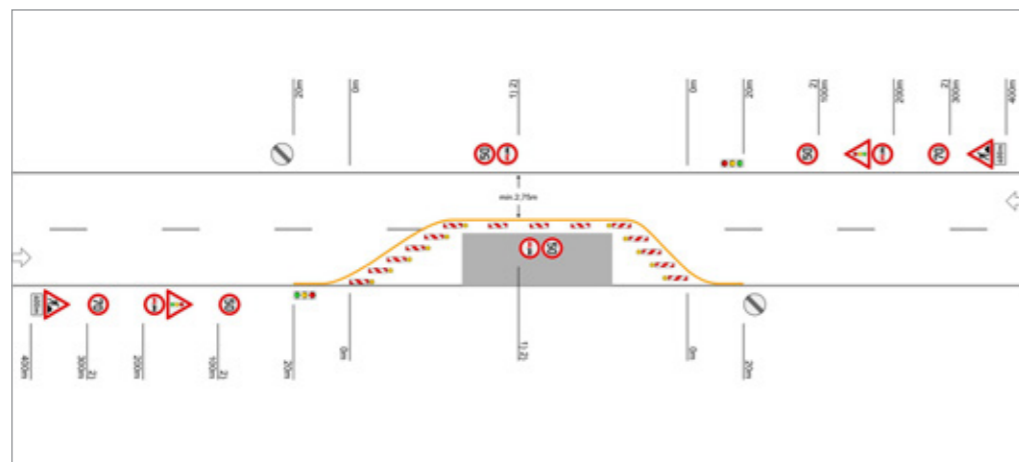
TIC can detect conflicts with diversion routes specified for other work zones, and for routes recommended by navigation systems.

Create work zone information

Create work zone information about:

- Project location, phases, and activities.
- Duration.
- Traffic control, lane use, and restrictions.
- Additional travel restrictions, for example closed exit.

Transport companies and agencies can use the data to check if heavy trucks or wide loads can pass through work zones or diversion routes.



Automatically create actual work zone information

Automatically create actual work zone information from connected devices such as warning trailers, crash trucks, "workers present" detection, and smart traffic cones.

Detect conflicts

Detect conflicts by comparing planned work zone information with information collected from real-time sources:

- Real-time traffic flow data.
- Cameras, either existing or temporary.
- Crowdsourced information.
- Data from connected and automated vehicles.

Keep travelers informed

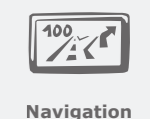
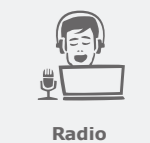
Distribute work zone information to broadcasters, web sites, apps, social media, and traffic service providers.

Reach navigation systems

TIC creates accurate and precise data which is fully compatible with popular navigation systems by supporting international standards such as RDS-TMC (FM), broadcast TPEG (DAB, HD Radio), and connected TPEG (Internet).

Make automated driving safe

TIC creates detailed data enabling automated vehicles to drive safely through work zones.



Commercial Off-the-Shelf (COTS) product

TIC is a COTS product which provides higher reliability at lower total cost and risk over several years when compared to build-your-own solutions or clones (one-time copies of other systems).

Work productively with proven solution

TIC is a proven solution used by operators worldwide helping them to work rapidly while supporting information accuracy and quality.

Work consistently

Custom pre-defined steps and activities can be specified to help guide operators in their work, ensuring consistent use of business processes.

Ease of use, saves time and effort

TIC operators are provided with a consistent and intuitive user interface to quickly create, update, check, and improve information, regardless of the data type, helping to reduce training time, and minimize data entry errors.

Easily share and exchange information

TIC is being used worldwide by public agencies and commercial organizations to confidently exchange detailed and standardized information between customer and supplier systems, using standard formats such as DATEX II, or custom formats.