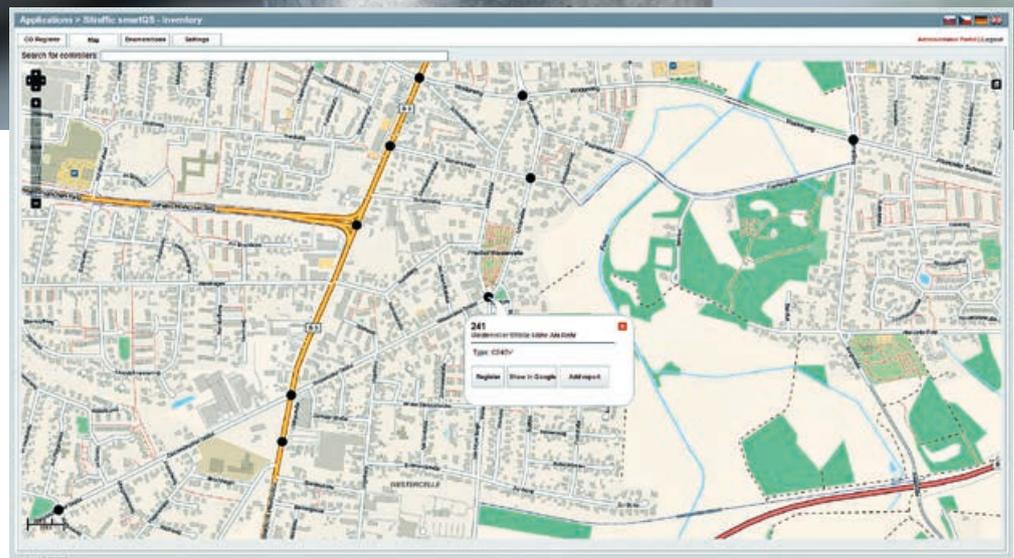# SIEMENS
Ingenuity for life

Sitraffic smartQS

**The smart tool for fault reporting
and asset management**

siemens.com/mobility

Pedestrian signals, street lighting poles and every other part of urban traffic infrastructure can be covered by Siemens smartQS, the smartest way ever of ensuring efficient asset management and optimized maintenance planning.

After login, the customer can access a map featuring all connected traffic signals.

Fault reporting per smartphone?
By everybody?
For sure!

What would happen if there was a fast and easy way for every citizen to report the failure of a technical infrastructure device – simply per smartphone? Tests in the context of street lighting in a number of European cities have confirmed that the early detection of failures contributes significantly to maximizing the uptime of technical devices and systems.

Now Sitraffic® smartQS makes it easy to implement such a scheme also for traffic signal systems.

As easy as it gets: scan the QR code, complete the form, forward

Every asset is assigned a unique ID and marked with a QR code on a weatherproof sticker. Passersby can scan the code with any smartphone featuring a QR app. The scan is linked to a short form that can be filled out quickly and forwarded directly to the responsible call center. The faulty device can be exactly identified using the smartphone's GPS function, if activated, or the unique asset ID.

This allows every citizen to help maintain the quality of the road infrastructure and, for instance, immediately report the failure of the pedestrian demand function at a crossing.

The smart way of managing public assets

With Sitraffic smartQS, not only fault detection, but also asset management becomes much easier. Via this web-based solution, users have fast access, from everywhere and at any time, to a complete overview of the installed infrastructure solutions and their current status as well as to all reports. With smartQS, our customers and service technicians have all relevant information at their fingertips, even when on the road. This allows optimum planning of maintenance work and makes entering additional equipment and locations quick and easy.

Application supports several languages

User interfaces at the call center and on the webpage accessed via the QR code can use a range of different languages. The tool identifies the language setting of the smartphone used and automatically switches the display for the reporting form to the same language, if available. Citizens sending a report can tick a box requesting to be informed when the fault has been remedied. This feature has been introduced to encourage active citizen involvement and increase their satisfaction.

Precise localization in an emergency

The stickers do not only carry a QR code, but also a unique number. When making an emergency call, citizens can give this number to allow the police and the rescue services to identify the exact location of the caller. This will save a lot of valuable time and enable the rescue teams to reach the scene of the accident more quickly.

Key benefits

- Increased availability of technical equipment
- Improved road safety
- Easy and efficient asset management
- Optimized scheduling of maintenance activities
- Faster arrival of rescue teams
- Precise localization
- Earlier detection of mechanical damages
- Active citizen involvement and improved satisfaction

Every infrastructure asset is assigned a unique ID and marked with a QR code on a weatherproof sticker.

Sitraffic is a registered trademark of Siemens AG.

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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