EPIS 2.NET PROFESSIONAL

Height Safety
Lifting
Load Control
Safety Management

SpanSet®

The quantum leap in testing technology: EPIS 2.NET Professional

As the pioneer in the areas of cargo securing, lifting technology and height securing, SpanSet regards itself as a supplier of comprehensive solutions, which make the everyday work of our customers easier and safer. Trusses, anchoring devices and points, magnets, manual hoists, cranes and roller doors are amongst those products whose function must be checked regularly. In view of the many products and testing dates, it is therefore particularly important to maintain a good overview and not to overlook the legally prescribed testing deadlines.

We recognised the great significance of an electronic administration system for our products at an early stage and invested a great deal of time, money and not least, sweat in further development. Here, EPIS played a pioneering role in the market and made it possible to automate all processes involved in regular inspections. For users this means: simplification of the regular controls and significant savings in time and costs.

Our great advantage in terms of know-how and experience and our constant exchange with users has now allowed us to make a further quantum leap: EPIS 2.NET Professional. The latest version provides a further significant increase in flexibility – because you have an overview of all data constantly at your fingertips. This is provided by further improved database software, internet based support and new reading and writing equipment. For you, this means a better overview and more security from the recording and administration of the products through to their complete documentation by means of EPIS 2.NET Professional.

Regardless of whether you as a company carry out the testing yourselves or whether you are active as a testing service provider for other companies, change over now to the most user friendly EPIS of all time.

Rely on testing efficiency

EPIS stands for "Electronic product administration and identification system". It constitutes an enormous simplification in the recording and administration of products which are subject to obligatory testing, e.g. of anchoring points, whose testing according to BGR 500 is usually carried out annually and must be documented.

It is irrelevant whether round slings, hoisting belts, lashing straps or safety harnesses by SpanSet are concerned – or whether chains, load handling attachments, wire ropes, roller doors or other products by other manufacturers subject to obligatory testing are concerned.

The interrelationship between component database, reader and RFID transponder allows simple management of any product. In addition, the "EPIS 2 Portal" online platform offers the opportunity to archive the product and test data you have already collected safely.

All of this provides you with a clear advantage:

Greater efficiency
Above all, you save time. Products to be tested can be entered in an instant and test certificates can be printed just as quickly. A quantum leap as compared with the Excel tables often used for lack of an alternative.

Greater flexibility
Using EPIS 2.NET Professional, product identification and product management merge together in a single appliance. With it, you always have all data at your fingertips, whether in the warehouse of your company or on a remote building site.

Greater data security
Complete documentation of tests, repairs, testers and products is essential for safety, legal compliance and also occasionally for the avoidance of accidents.
EPIS 2.NET Professional closes the gaps.

Better testing routine
EPIS organises, plans and documents your regular maintenance and service intervals for you and shows you at a glance which products are scheduled for testing. So that your (testing) status is always current.

Simply change over

EPIS makes the change easy for you. Existing test and product data, e. g. from Excel files can be imported conveniently into the EPIS database. It is possible to prepare inventory lists and product lifecycle analyses via an Excel interface. Almost all products requiring testing can be retrofitted with an RFID transponder and subsequently managed by the EPIS system.

Even products already in use with no transponder can be retrofitted with a chip at any time.

As an alternative to retrofitting, products by SpanSet can be input into EPIS and managed by means of a chip via the traceability code on the product label. The traceability code then becomes the key to the archived test data.

Label with the traceability code
(17 digit number under the barcode)

Innovations

Combination database – Reader – Transponder – EPIS 2 Portal

The best EPIS of all time

EPIS is constantly being developed further. Not least thanks to our permanent dialogue with our customers we are able to adapt our products to your everyday professional requirements. Here are the most important innovations in EPIS 2.NET Professional:

- **New user interface** in line with current Office applications.
- **Additional product groups:**
  Containers, operating and working resources, pressure hose lines, lifting trucks, chain & wire cable combinations, machines and systems, personnel access equipment, shelving, lashing chains.
- **Importer:**
  Simple and convenient takeover of historical test data.
- **Reporting:**
  Output via text processing (minimum requirements: Microsoft Office 2007), individually adaptable.
- **Enterprise ready:**
  Registration via Windows password or server password respectively.
- **Role management:**
  Simple allocation/administration of rights (access rights, processing rights etc.).
- **Synchronisation:**
  Transfer of the recorded product data (including data from several readers) into the EPIS database, e. g. on a PC or notebook.
- **Service functions:**
  Auto update and online help.
- **EPIS 2 Portal:**
  After login, this free of charge service makes the test data/certificates available worldwide, even via a mobile with an internet connection.

This is coming
With EPIS Mobile, a new solution for mobile devices is currently being developed. New read/write equipment and hand-held scanners with Bluetooth connectivity ensure even greater mobility and flexibility of applications. In addition, the user ID will be printed on all chips in future.

Test it free of charge!
Convince yourself of the EPIS advantages with the free of charge test version for up to 250 applications.

EPIS ▶ **RFID**
Made by SpanSet **www.spanset.de**

Unique labelling of products equipped with EPIS

EPIS comprises the elements; database, reader, RFID transponder and EPIS 2 Portal.

The EPIS database is used to manage the product data recorded. You can print out meaningful reports and inventory lists at any time. The EPIS software provides numerous sorting possibilities, e. g. also according to the product value. This simplifies the preparation of an overview of the assets to be capitalised or the low value assets, which can be fully depreciated in their year of purchase.
The software is fully network capable and can be used at an individual workplace or at several workplaces. An automatic update service is included during the term of the maintenance contract.

The read/write equipment is used to initialise the transponder, to store product specific data on the chip und to transfer it into the database. For subsequent tests, only the test result will be updated on the chip and transferred into the database.

RFID transponders can be attached to all products which are to be managed electronically. RFID stands for "radio frequency identification" and permits a readout by means of appropriate read/write equipment. Initialisation records the product specific data on the transponder attached to the product. The unique transponder code – and of course the user ID printed on the new generation of chips – clearly identify the product. In the unlikely case of a transponder defect or loss, the unique allocation of product and test history is preserved. Labelling the product with a consecutive number and recording it in the database provide additional security.

EPIS 2 Portal
EPIS is always available, at any time and in any location. Your products with all of their details, their transaction histories and their certificates are stored in this online portal with secured access and cannot be overwritten.
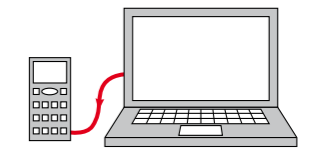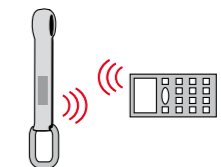
Training and support
We are always at your side! Our comprehensive support will allow you to familiarise yourself rapidly and comfortably with the use of the system. The programming of individual modules is also included in our scope of service. Contact us!

EPIS on the internet
You will find current innovations, downloads and additional useful information concerning EPIS 2.NET Professional on the internet at:
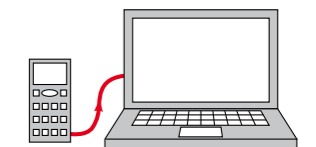**www.epis2.net**

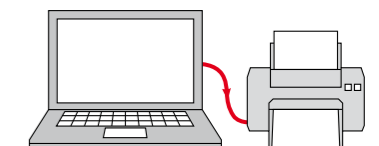## Tried and tested – for everyday use: The EPIS team

1. Entering the product via PC, transfer to MDE

2. Initialising/writing data and contactless readout

3. Transferring data into the database

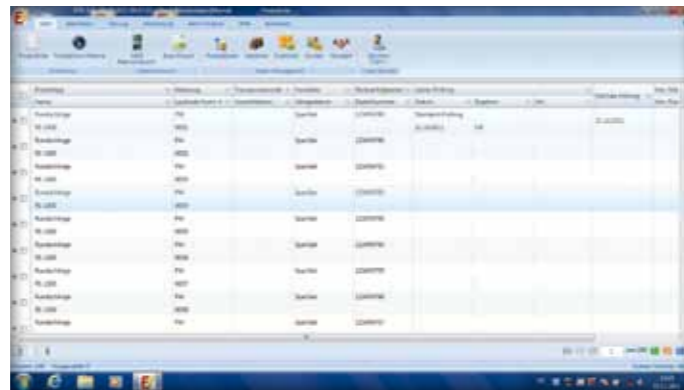4. Managing data, printing out inventory lists and reports

customer portal

5. Optional: online access to the customer portal

Database in detail

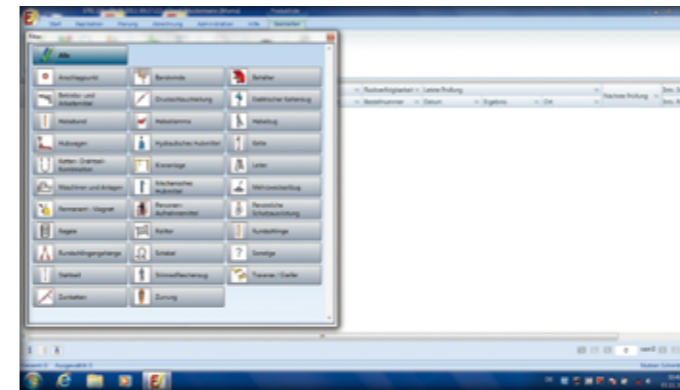## Clearly structured, convenient and intuitive: the EPIS 2.NET Professional database

The database is the core of EPIS. It was an entirely new development specifically intended for the new version in order to make its use even more efficient.
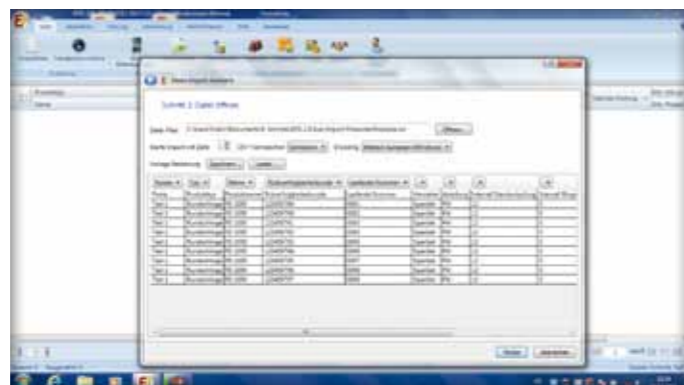
Homepage

The appearance and functions of the user interface are in line with current Office applications. It can therefore be used intuitively, users can orientate themselves easily and do not have to learn new clicks and tricks.

Product groups

In total, 32 product groups are stored in the database. This is the result of our intensive dialogue with the many EPIS users, which makes a significant contribution to the permanent further improvement of the system.

Importer

The importer enables the quick and convenient transfer of the (historical) test data you have stored in Excel.

Product mask

This is where the operational resource to be tested is entered and managed. In addition to the product data, the test history and the next testing date are displayed.

An overview of transponders

Products by SpanSet can be provided with EPIS transponders ex works, e. g. anchoring devices with a securely sewn in **transponder label**.

However, all other products can also be fitted or retrofitted with transponders. They withstand temperatures from -25 °C to +70 °C, are resistant to spray water and soiling and require no batteries or other power source. Four options are available for retrofitting:

Transponder pin
Very small, thus saves a lot of space and does not protrude. It is fastened using a small notch on the product surface. Ideal for use in lifting equipment.

Original size   Image similar, scale 2,4 : 1

Transponder dome
Ideal for fitting to high quality metallic products, e. g. wire hoists, lifting clamps chain hoists or trusses. It can be cemented or screwed on.

Transponder tag
Extremely durable and thus perfectly suited for fitting to round sling harnesses, chains and steel cables. For chains, it is threaded through a link of the chain, for steel cables, it is attached by means of a compressed wire. For textile securing devices, retrofitting is recommended by means of a Dyneema Kernmantle line and a special knotting technique.

Transponder foil
Extremely flat, flexible and non-protruding. Particularly suitable for personal fall protection equipment.

Traceability
The UID number on the transponder permits an unambiguous assignment of the test history to a product even if the transponder is defective and enables the transponder to be replaced.

All EPIS components at a glance

Article No.	Description
D006929	EPIS set: Case incl. crimping pliers, wire cutter, 100 compression sleeves, 125 steel wires, 50 Dyneema wires, 30 transponder domes and 30 transponder tags (excl. network licence and MDE)
D003005	Mobile read/write equipment MDE including charger, docking station and USB adapter cable
D000638	Transponder label (ca. 27 × 95 mm)
D043034	Transponder pin (ca. 5 mm ⌀)*
D002965	Transponder dome (ca. 30 mm ⌀)
D002966	Transponder tag (ca. 29 × 64 mm)
D010789	Transponder foil (ca. 18 × 36 mm)
	Network licence

All information and descriptions are provided without guarantee. Technical changes are reserved.
* Available as of the 2nd quarter of 2012

Special applications
In addition to our products for testing as described above, we also develop special applications for individual requirements in co-operation with our customers.

EPIS set
The practical aluminium case contains various transponder versions and mountings with appropriate tools.

Installation and training
We would be happy to support you in your installation and commissioning by remote maintenance or on site. Just call on us.

In addition, we also offer detailed courses concerning EPIS and other interesting topics. You will find more detailed information about these at **www.spanset-seminare.de**.

Convincing experience

**Rupert Hutterer,
CEO of Carl Stahl GmbH Munich**

"EPIS lets us organise our tests much better. This helps us save time in their execution and hence costs too. Our conclusion: EPIS is the most forward-looking test system."

**Pascal Schalapski,
Applications and customer consultancy in the functional areas Lifting and Securing, Evers GmbH**

"We tested the new EPIS for several weeks after having worked with its predecessor for a long time. Overall, the work has become even easier and you quickly become used to it. A well conceived further development of the previous system."

**Marcus Pokrzywinski,
Warehouse Manager
Business Unit Offshore,
REpower Systems SE**

"The basic concept, which SpanSet has developed in its EPIS system, is good and after a little familiarisation, you can work with it on a daily basis. For example, I can quickly test several round slings and prepare a test certificate. All in all, a good system."

**Heiko Biederbick,
Project engineer, PC container gantry cranes and process control technology, EUROGATE Technical Services GmbH**

"Eurogate Technical Services GmbH is responsible for the testing of all lifting equipment used in the Bremerhaven container terminal.
In order to rationalise the extensive documentation of processes, we will use the EPIS software product by SpanSet in combination with RFID tags in future."