

AYE-D.NET
Equipment inspection
digital, simple, brilliant



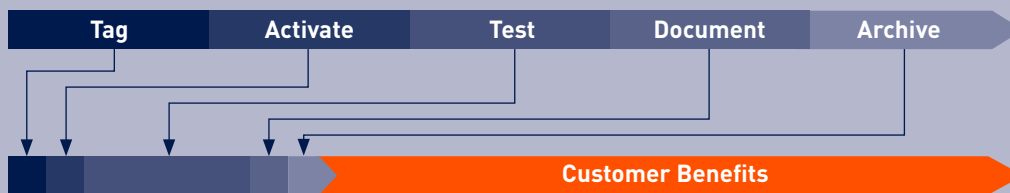
SYFIT GMBH
Gmünder Straße 13
73430 Aalen, Germany
+49 (0) 7361 97387-00
kontakt@syfit.de
www.syfit.de

Why AYE-D.NET is needed

Every employer is responsible for providing safe work equipment. It is therefore a legal requirement that regular checks are carried out in accordance with Industrial Safety Regulations (BetrSichV).

AYE-D.NET offers you straightforward digital maintenance and analysis of your resources. You will also be able to manage product data, test reports and documents. AYE-D.NET has been openly designed.

This means all kinds of equipment can be managed and tested.



Tagging **without** AYE-D.NET:

Tagging 10.000 components:
 $10.000 \times 10 \text{ minutes} = 100.000 \text{ minutes}$
 $= 1666,67 \text{ hour}$

Tagging **with** AYE-D.NET:

Tagging 10.000 components:
 $10.000 \times 3 \text{ seconds} = 500 \text{ minutes}$
 $= 8,33 \text{ hours}$

Potential savings

Medium-sized businesses: **300-600k €**
Große Unternehmen: **5-7 m €**

General Benefits of AYE-D.NET:

- Clear product labeling
- Factory pre-allocated product information for many products requiring testing (e.g. labeling, WLL, test certificates etc.)
- Flexible modular cost principle: You only pay for what you use
- Offline testing
- Individual entry of all equipment (openly designed solution)
- Maintenance and automatic management of relevant product data and documents
- Reduction in inspection costs/time spent
- Process reliability (Avoids testing and documentation errors)
- Special smartphone user interface
- Fulfillment of legal guidelines

Tester Benefits:

- User-friendly, intuitive and self-explanatory interface
- Automatic generation of test reports with archiving
- Clear test planning
- Option to instantly call up inspection history
- Simple search function
- Many different filter options
- No IT knowledge required

Further Benefits:

- No IT required
- No software implementation/installation
- Simple user management
- No hosting
- No separate data backup required
- No software maintenance

Technical Information



AYE-D-Points

AYE-D-Point 8 mm or 4 mm (13.56 MHz HF): Press-fit transponder (in metal environment), the use of adhesives or resins is not necessary. Sizes: Ø 8 mm x 3.25 mm, Ø 4 mm x 3.5 mm. The use of RFID chips in drilled safety components for lifting and transporting is patent protected.



AYE-D-LINK

AYE-D-LINK (13.56 MHz HF): Bendable link with integrated transponder for chains, wire ropes, etc. Size: Ø 8 mm x 35 mm open



AYE-D-GLUE

AYE-D-GLUE (13.56 MHz HF): Self-adhesive metal transponder for many types of work equipment that are subject to testing (clamps, pliers, beams etc.) Size: Ø 19 mm x 4.5 mm

AYE-D-NFC (13.56 MHz HF): Self-adhesive universal transponder also for metal. This transponder has an additional function which allows you to read it using most NFC-enabled mobile phones without an additional reader device. Size: Ø 25 mm

Other colors and shapes on request.



RFID-Tags:

In addition to the direct purchase of various tags, some manufacturers deliver their products already equipped with these RFID Tags. As a result, these manufacturers ensure the best possible performance, safety and maximum potential for savings.

AYE-D-READER



AYE-D-CASE

The **AYE-D-READER** (reading device) and selected mobile phones are compatible with the **AYE-D-Points**, as well as with standard high frequency transponders/chips (ISO 15693). The transmission of the identification number is made via USB or NFC and can be transferred to the **AYE-D-NET**- application (software).

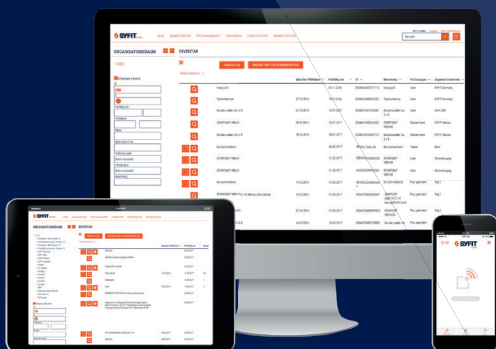
AYE-D-iOS

Consisting of: **EASY-CHECK** (13.56 MHz): USB reader for reading the transponder.

USB Adapter

AYE-D-Android

Most NFC-enabled mobile phones in connection with the **AYE-D-NFC** transponders or as an alternative the **AYE-D-CASE**.



The **AYE-D.NET** software supports you within your testing services:

- Straightforward digital maintenance, analysis, management of product data, test reports and documents (efficient testing, automatic test reminders for statutory testing, automatic test reports with archiving).
- Digital connection to the latest product information and documents (e.g. test certificates).
- Offline testing with subsequent data synchronization
- Individual entry of all equipment subject to testing (openly designed solution) (e.g. work platforms, roller shutters etc.).