# EFC-400ST – Station

Power Stations and Cables

Magnetic Field - Calculation according to VDE 0848 and 26. BImSchV

'EFC-400ST' is the answer to the request of town's departments and manufacturer of energy plants, which use EFC-400LF primary for the documentation of the magnetic flux density at power stations and ground cables. The most essential features are:

- ❑ **Magnetic field calculation for Stations and Cables**
- ❑ **Numeric and analytic Shielding**
- ❑ **Cable with verse rushing stroke**
- ❑ **Phase optimization for Stations and Cables**
- ❑ **Conductor in SF6 technology**
- ❑ **Measurement Data Import and Interpolation**

The compatibility to EFC-400LF is ensured to 100% at any time since the same source code stands behind the surface of EFC-400LF and 'EFC-400ST'.
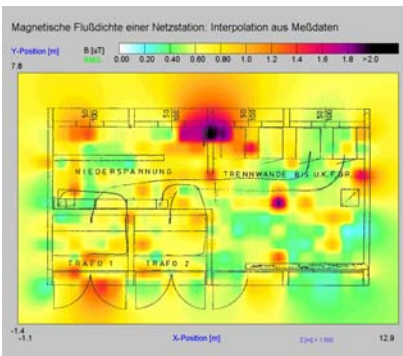

Illus.: interpolated measurement data

Users profit from the long-standing prooftesting of the application in practice and don't take any risk with 'EFC-400ST'. The far distribution of the software ensures for long term
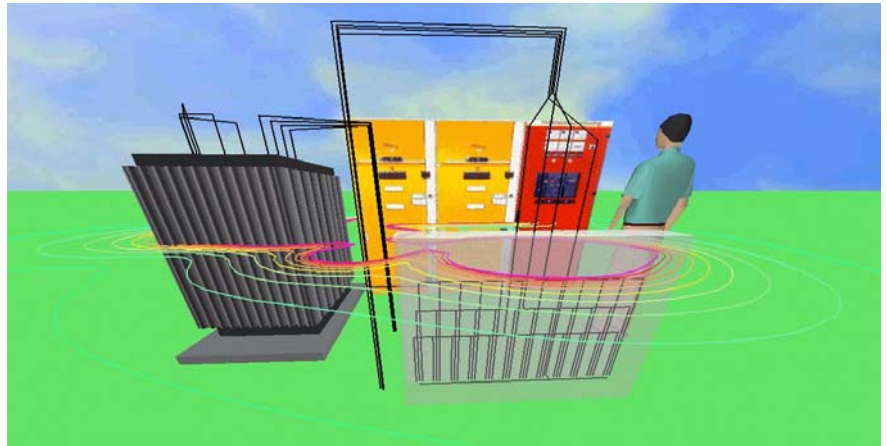

development and technical Support. Stability and power of the product are confirmed by many customers particularly since it's guaranteed in the context of the two-year warranty that EFC-400 does what advertisement promises.
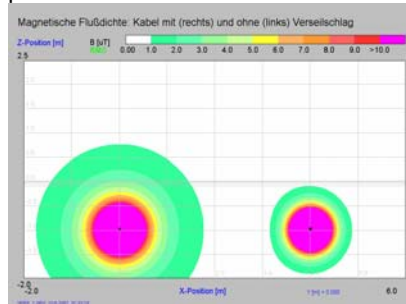
Illus.: cable with verse rushing stroke (left)

Users can adapt 'EFC-400ST' to the individual needs without being dependent on services of the manufacturer. The basic libraries are supplemented with new elements within a few minutes, provided that this is necessary, since the libraries contain more than 1000 objects. Additional libraries are cost-freely available under www.fgeu.com.
If a special type shouldn't be contained, it can be designed like under

CAD and stored in the common library for later use.
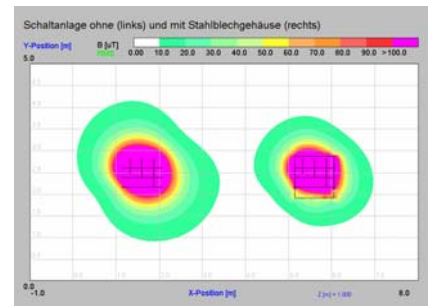
Illus.: switch gear without/with metal case

EFC-400 works not with so-called 'modules' which can't neither be produced nor inspected by the user. Since EFC-400 is a construction program there are no 'Black Boxes'. Every element can be modified freely. Therefore improvement for third parties is given completely. Particularly since third parties have the possibility to check the construction entirely and printout the results with the license-free runtime version.

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Subject to change without notice