

The Smart Grid module

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For the efficient and cost-saving construction of a smart grid structure, ASCR is developing a “smart grid module” that can be used for every transformer station.

- Central system with **plug & play** functionality automatically detects newly installed components and checks for or installs the correct configuration.
- **Fully automated** post-configuration, and any additional tools required are installed centrally as needed.
- Focus on **low costs and installation effort and compatibility** with other structures, as well as the creation of **synergies** while ensuring **end-to-end security**.

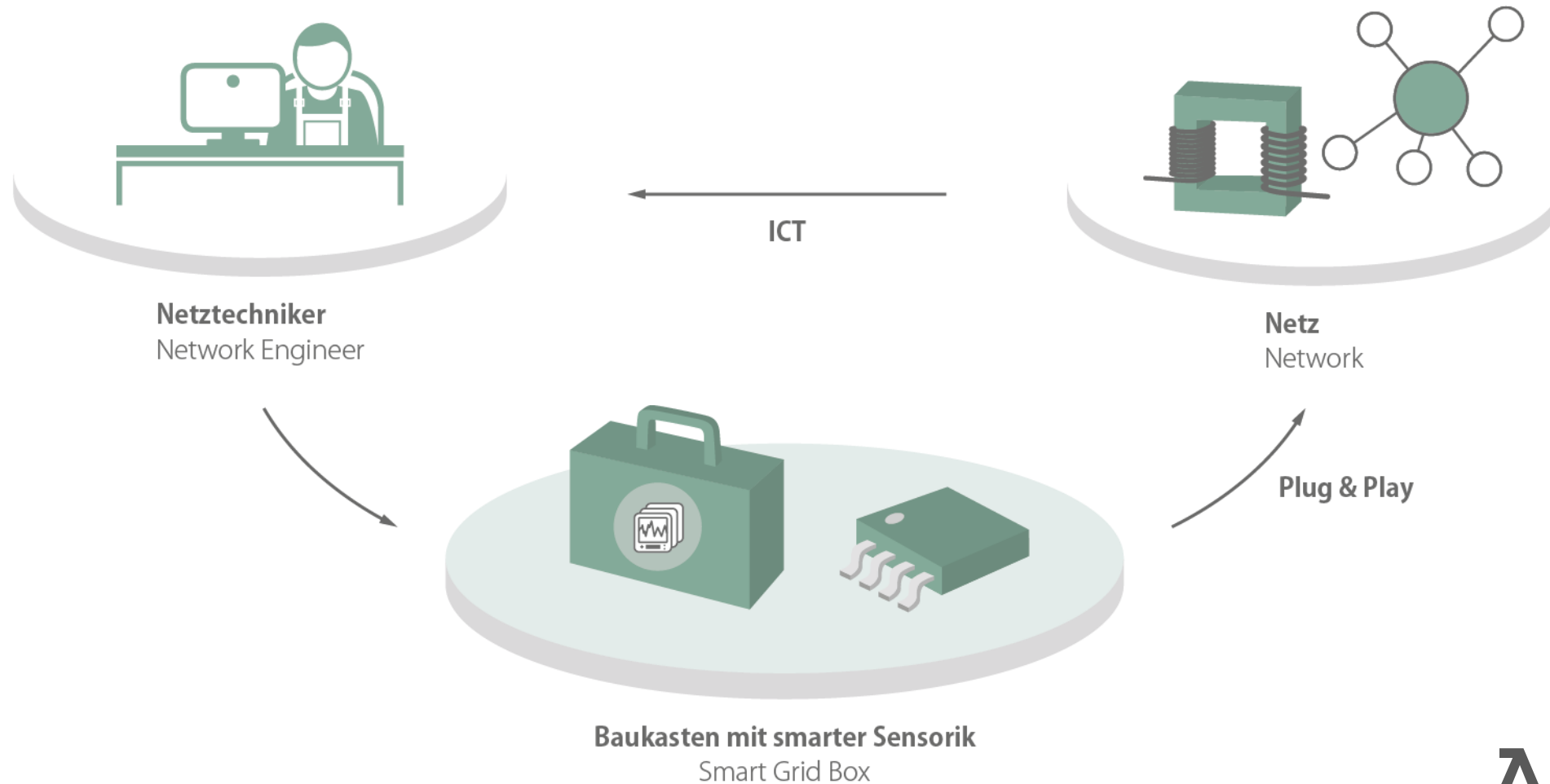
Siemens, Wiener Netze

Budget: 2 million Euro

Testbeds: aspern Seestadt
and Wiener Netze grid,
Smart Grid Demonstrator

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The benefits

- Network technicians can work faster, better, more precisely and with fewer errors.
- Development of the EGS (Enhanced Grid Sensor) field component
- Delivers reliable information on power quality in the low-voltage grid