Automatic Transfer Switches
OTM_C_D 160 A to 800 A

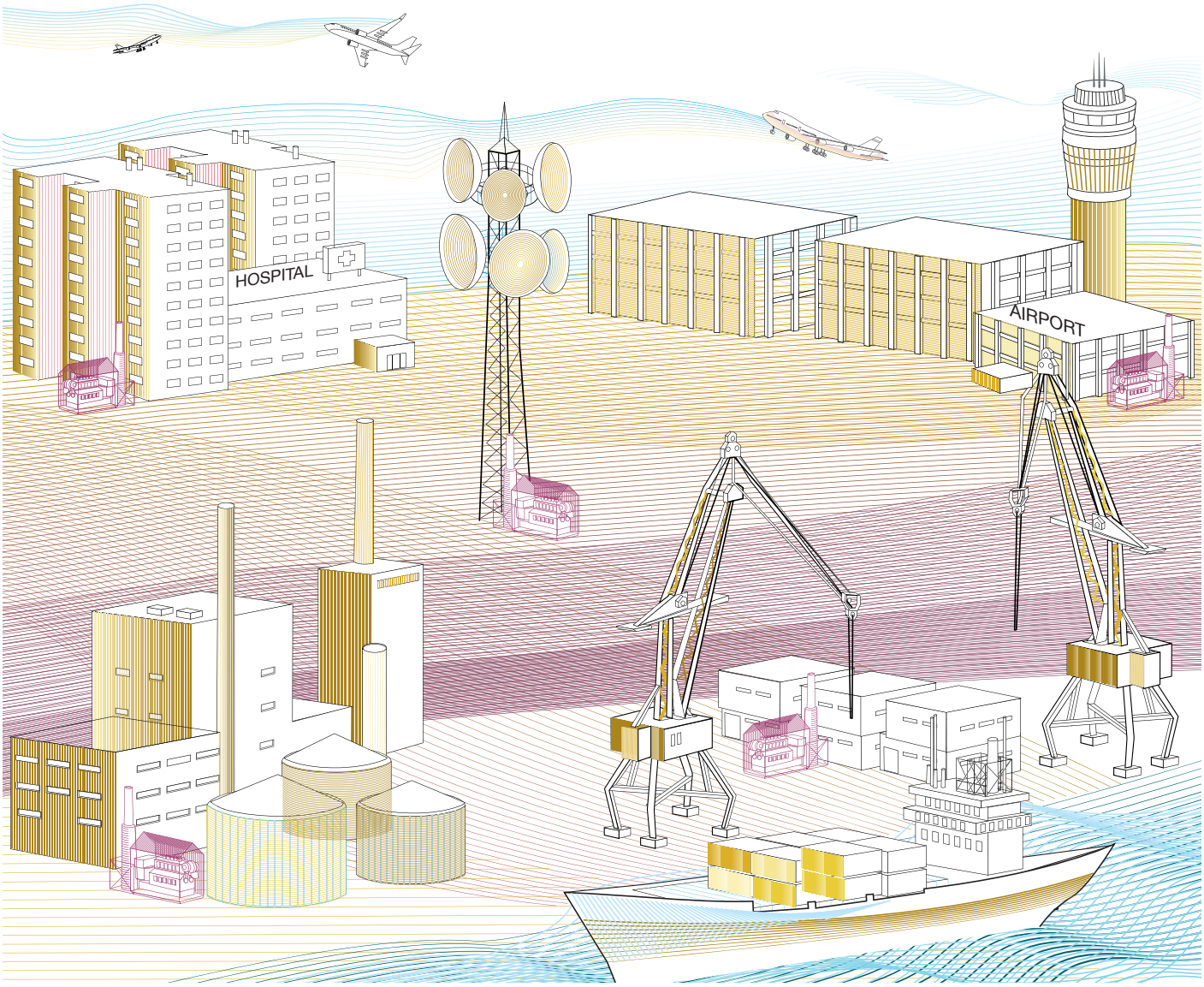
Growing importance of a secure power supply

Standby power is an integral part of many industrial and domestic electrical systems. High energy prices, energy demand increase and aging power systems have been the prime movers for the growth of standby power sources. Every load that is connected to the grid and backed up by a generator set needs a transfer device for commutating the power sources when needed.

The World is full of potential applications

There are many different applications where transferring equipment is needed. The more critical the load is, the more reliable must the ATSE (automatic transfer switching equipment) be. Only to mention a few applications which are secured with back-up power:

- Commercial buildings
- Industrial plants
- Docks
- Telecommunication
- Farming
- Airports
- Data centre
- Pumping stations ...



Power and productivity
for a better world™

Fully automatic solution

Our ATS range between 160 A and 800 A includes sophisticated features in extremely compact footprint area without neglecting features that makes assembly easy and safe, every time.

Safe and reliable

ABB automatic transfer switches ensure service continuity with a number of built-in, integrated safety features. The change-over mechanism, for example, offers three stable positions which ensure isolation of the two asynchronous power supplies. This eliminates any risk of short-circuit between them, even in the presence of transient voltages. The automatic transfer switch is equipped with handle for manual operation in case of emergency

Easy installation

The design of ABB automatic transfer switch is advanced and compact, allowing installation in confined spaces at considerable savings. They are very easy to install: The automatic control unit OMD_ can be adjusted according to the mounting depth of the panel. Voltage sensing kit is pre-installed at the factory thus reducing the expensive and time-consuming installation work.

No more expensive repair work

The motor operator of the ATS is protected by a fuse.
If the operation frequency is exceeded, the fuse protects the motor, thus saving it from expensive repair work.

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