



# MOBILE SUBSTATION

C.R. Technology Systems mobile Substation is an electrical substation mounted on semi-trailers. It's a smart solution to supply energy "in motion", with excellent performance and reliability.

Temporary power supply is one of its main application, whenever needed to provide interim grid connections and in case of equipment failure. The configuration can be engineered according to customer needs, technical specifications and client's requests. Mobile substation is environmentally eco-solution and it is useful for emergency service, new service and temporary service.

## KEY STRENGTHS

Short construction and installation time

Plug & Play solution

Temporary power for peak periods

Supply of electrical energy in isolated areas

Continuity of service during the construction phase



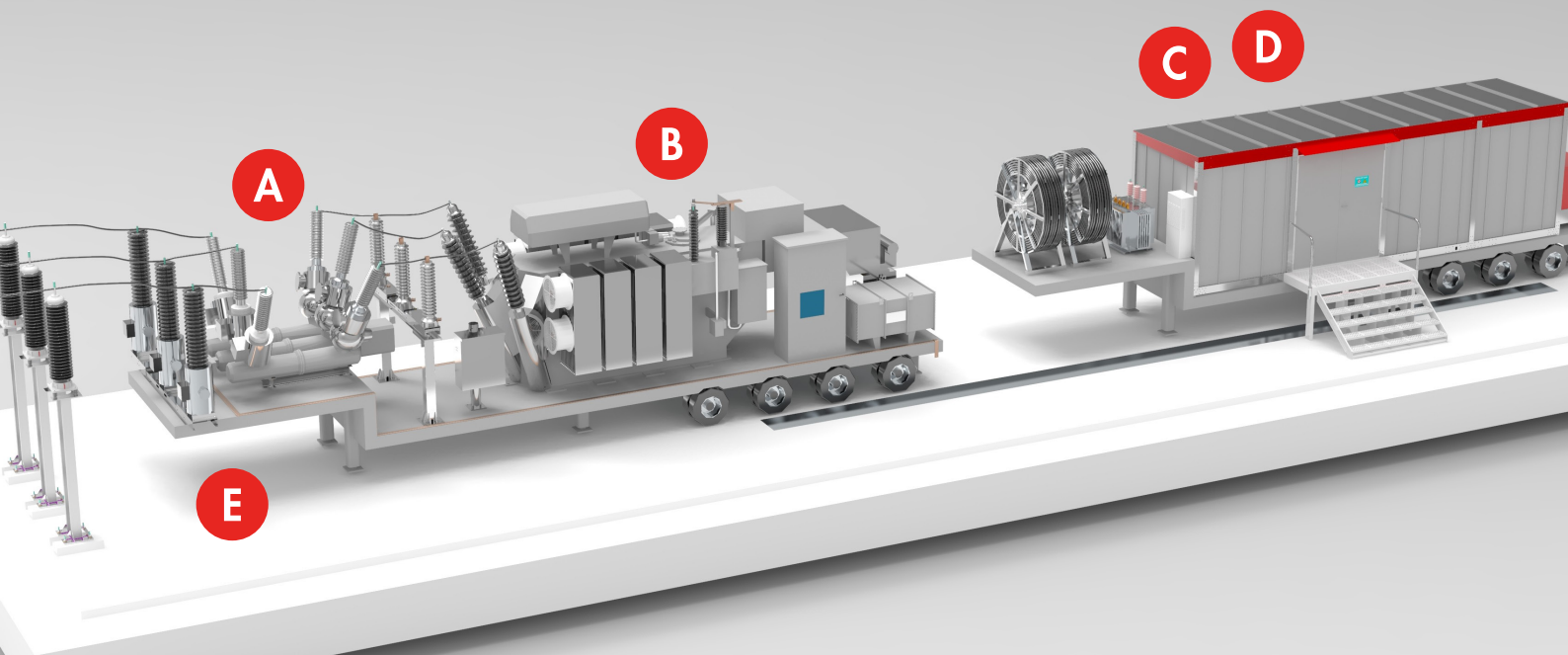
**Plug & play**



**Medium and high  
voltage components**



**Tailored solution  
design**



## APPLICATIONS

### Temporary applications:

Emergency Units: when equipment fails, mobile substations can be installed as emergency units for substations without spare transformer capacity

Isolated areas

Exceeding demand of standard electrical supply

Energy supply to large infrastructure projects

Temporary exhibition or events

### Permanent applications:

Substitute for AIS/GIS substations: when the demand for electricity rapidly expands beyond the scheduled increase in main-system capacity

If a HV substation can not be installed due to the lack of suitable space

Isolated areas

## MOBILE SUBSTATION UNITS

It's equipped with switchgear and a transformer on one trailer or skid, providing a complete replacement for a substation whenever you need it.

There are five major components of C.R. Technology Systems Mobile Substation:

- A** high voltage section
- B** transformer and cooling
- C** low voltage section
- D** controls / protection / metering / auxiliary supply
- E** trailer – special design features



Visit our website  
[www.crtsgroup.com](http://www.crtsgroup.com)

For further information contact us  
[info@crtsgroup.com](mailto:info@crtsgroup.com)