

Selhausen test-site

Protected by UPS and isolating transformer  
sEIT system

Environmental data:  
- Temperature  
- TDR water saturation  
- Optical root data

40 electrodes  
+ pre-amplifier modules

Mini computer with attached  
GPS sensor

Mini computer with attached  
data storage

LTE Router

Physical disc transport

Wired internet  
connection

LTE link

(a)

University Datacenter

Fileserver

Database

Task queuing system  
One or more worker PCs  
Automated analysis

Individual analysis

(b)