

GRID GUARD

Grid networks are essential infrastructures to transport and distribute electricity, however these networks are always prone to short-circuit faults due to natural or mechanical failure events. Fault location is thereby an essential functionality required by the power network operators. GridGuard provide tailor-made centralised fault location device that can precisely locate short circuits on a power grid and at the end drastically reduce the damage caused by fault saving time, material and cost.

“Customised high precision fault location on power network with a single device for an entire grid.”

TEAM MEMBERS

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CTI BUSINESS CONCEPT WESTERN SWITZERLAND

1. The GridGuard solution is particularly suitable for the medium voltage grids of power grid operators in Switzerland.
2. Business is based in an upfront payment for the modelling, equipment and installation then on a subscription for the usage of the technology.
3. The GridGuard solution is based on patented technology developed in EPFL, supported by strong knowledge and skills in electrical engineering and provided by a dedicated team of engineers with various profiles.




Next steps

1. Planning full scaled test on the grid and acquiring attention from potential customers to understand the different types of solution that will have to be proposed.
2. Developing the business plan and looking to a first round of funding.

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 **Start-up and entrepreneurship**
CTI Entrepreneurship

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