

Looking to find
the solution you
need for your
IoT network?
We're here to help.



Highly scalable, fault tolerant, never-crash IoT networks

Empower your IoT ecosystem with our full-stack IoT platform for guaranteed scalability, concurrency & fault tolerance. Ideal for distributed networks controlling high numbers of IoT devices, where downtime isn't an option and the capacity to scale is a must.

- Technology designed to **handle high volumes of concurrent users** and used widely in some of the world's most famous tech platforms
- **Runs efficiently on smaller devices**, overcoming the technical challenge of creating and operating IoT networks in very small and power-constrained scenarios
- **Full interoperability**—works easily with existing systems and legacy applications to access the data it needs. No requirement to replace your existing tech stack
- **Cost efficient**—built only to meet your exact needs and with a significantly reduced code base for fewer vulnerabilities, reduced physical infrastructure and an easier system to maintain
- **Designed for you**—this is a bespoke solution tailored exactly to what you need and won't require any compromise to your technology stack or business goals
- Built on open-source technology giving you the freedom and flexibility for future needs.
No technology handcuffs or long-term license fees

We offer an end device, a gateway hardware and a software platform easily adaptable to a wide range of scenarios

End device

Our small and versatile end device can be equipped with a vast number and type of sensors as a standalone equipment. It can also be mounted on existing equipment to establish remote access and control. This end device is connected and communicates through desired wired or wireless protocols to the gateway device.

Gateway device

The gateway device provides a solid foundation for connected end devices and IoT projects. It supports various wired and wireless interfaces and protocols, with the base function set covering the requirements for most common IoT applications. **It is built to be expandable and customisable based on the requirements of any specific application.**

Software technology

We use a programming language developed to build massively scalable, soft, real-time systems with requirements for high availability. It is widely used in telecoms, banking, e-commerce, instant messaging and IoT environments because of its unparalleled fault tolerance and ability to handle huge volumes of concurrent users or devices.

This is a unique combination of software and hardware expertly engineered to work together, delivering synchronised, harmonised solutions to customer technical challenges. Being designed to work together enables us to offer holistic support for the software and hardware elements.



Why Erlang Solutions?



We provide a unique combination of expert hardware and software engineers, working together to deliver a fully integrated, harmonised solutions to customer challenges



Our approach is fully client led, from the need, challenge or interest of the customer. We're not trying to force you to fit a general purpose solution that already exists.



Our technology expertise and end-to-end creativity provides the ability to devise a unique solution to your specific problem.



We offer vast experience in architecture and proof of concepts, delivering fast time to market.

- We understand the entire tech stack, the exact nature of the challenge and how to technically solve it.
- We build full stack custom solutions - from back-end to front-end with custom hardware
- We work with any legacy system

You can't find an off the shelf solution to your IoT problem that perfectly fits your needs and budget? Talk to us.

We want to understand your problem and find the solution with you. If we can point you to the perfect solution already on the market, we will. If it doesn't exist, or is way too complex, or you'd have to make compromises in your stack or your business goals to adapt, then we'll make a recommendation on how we can help.



Contact

George Barna
P: 615 218 5490
E: george.barna@erlang-solutions.com

www.erlang-solutions.com
Erlang Solutions
Europe | USA | South America