



SAHER
FLOW SOLUTIONS

SAHER ENGINEERING SERVICES

Turnkey solution provider for your research and engineering needs

One stop solution to make your product stand out

ELECTRONICS



MECHANICS



SOFTWARE



**PRODUCT
ENGINEERING**

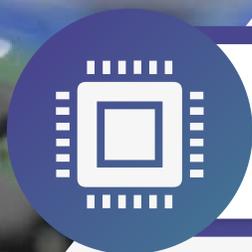


RESEARCH & **DEVELOPMENT** SERVICES

Saher Flow Solutions team consists of 3 PhDs and multiple engineers working in world class facilities available. Strategic positioning in KAUST campus and collaboration with KAUST faculty has allowed us to undertake challenging research problems and turn them into feasible products.



Here are the research & development areas, our team has expertise in:



EMBEDDED FIRMWARE

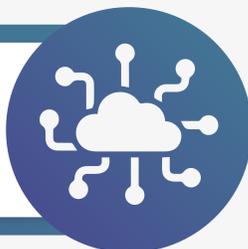
Electronic Products



UI/UX DESIGNS

User friendly interfaces

BACKEND
Web, Desktop and Mobile applications



MICROWAVE WIRELESS DESIGNS

Front end - Custom antennas & radios



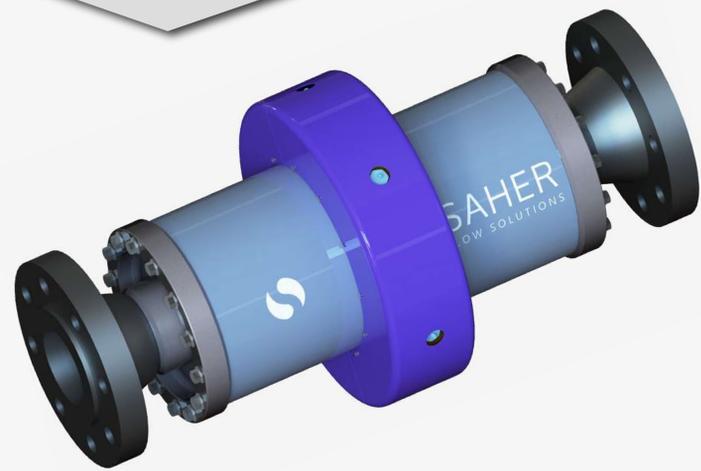
SIMULATIONS

Ansys HFSS/CST
Ansys CFD, Solid Works



CUSTOM SENSOR DESIGNS

Environmental monitoring, flow sensing,
multiphase measurements



PRODUCT & PROTOTYPING SERVICES

Saher Flow Solutions has in-house expertise to build and certify prototypes against various industry standards. Our company has track record of going through complete IECEx certification process and getting the required certificates for flow sensing products, being used in oil and gas industry.

Our engineers are trained to follow industry standards such as **ISO**, **ANSI** and **ASME** while designing mechanical housing and enclosures for our Customers' products. We have required setup to test prototypes at elevated temperatures and pressures which is key to develop ruggedized products.

This is how we help build a successful product...



SIMULATIONS

Industry leading simulator are used to ensure optimum performance of your product. We specialize in electrical and mechanical design simulators.



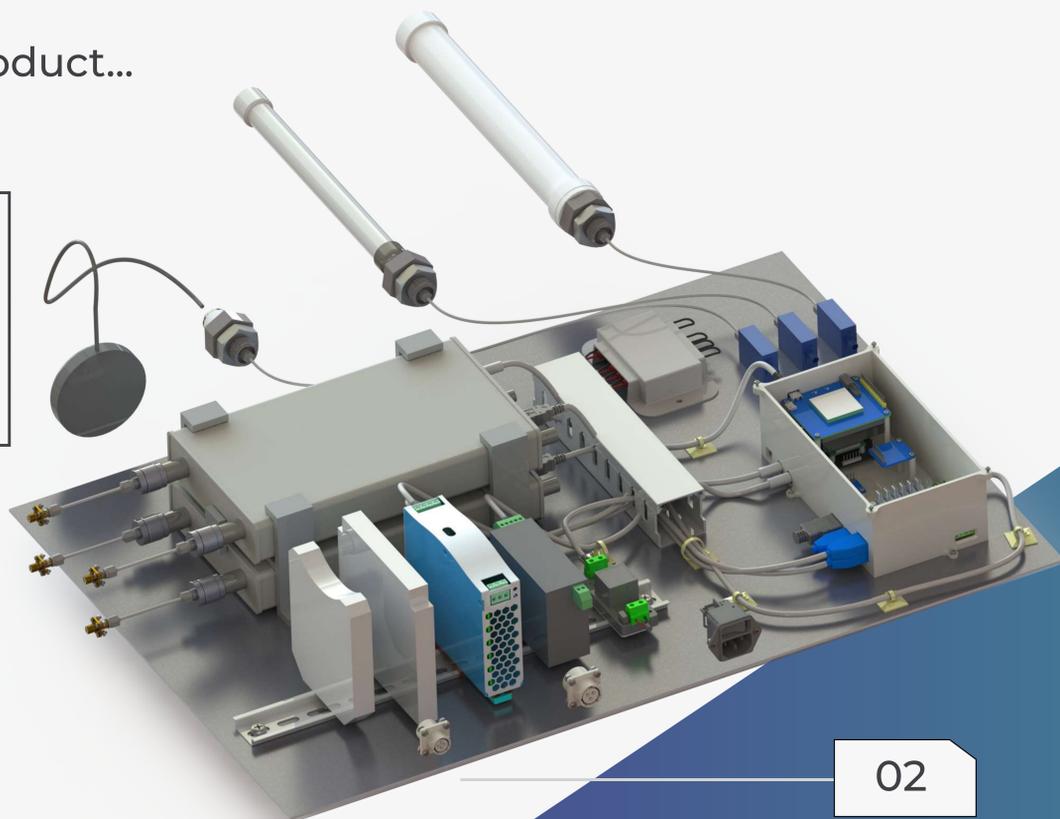
PACKAGING

A safe & aesthetically pleasing packaging is designed for your product. We ensure that your product meets the required safety standards and obtains certifications.



ENGINEERING DRAWINGS

We speak and understand the language of the manufacturers





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