

SURESOFT

SURE STORY

SURE IS

Mission
History
Certification &
Awards
Status
Global Network

SURE DO

Industry
Business Model
Solution for End to
End
Service for End to
End
Academy
KOLAS

SURE WITH

Partners

SURE IS

Suresoft Technologies has a mission and dreams of a safe world with software that is continuously growing and demanding global software safety, while starting Korea's software testing industry.

Mission

MISSION CRITICAL SOFTWARE

Software in which a small error causes a fatal result.



Small software fault



Causes immense economic losses and casualties

SOFTWARE FOR SAFE WORLD

Suresofttech is a company that dreams of a safe world with software

END TO END PARTNER

We fulfill our duties for the software from start to finish.

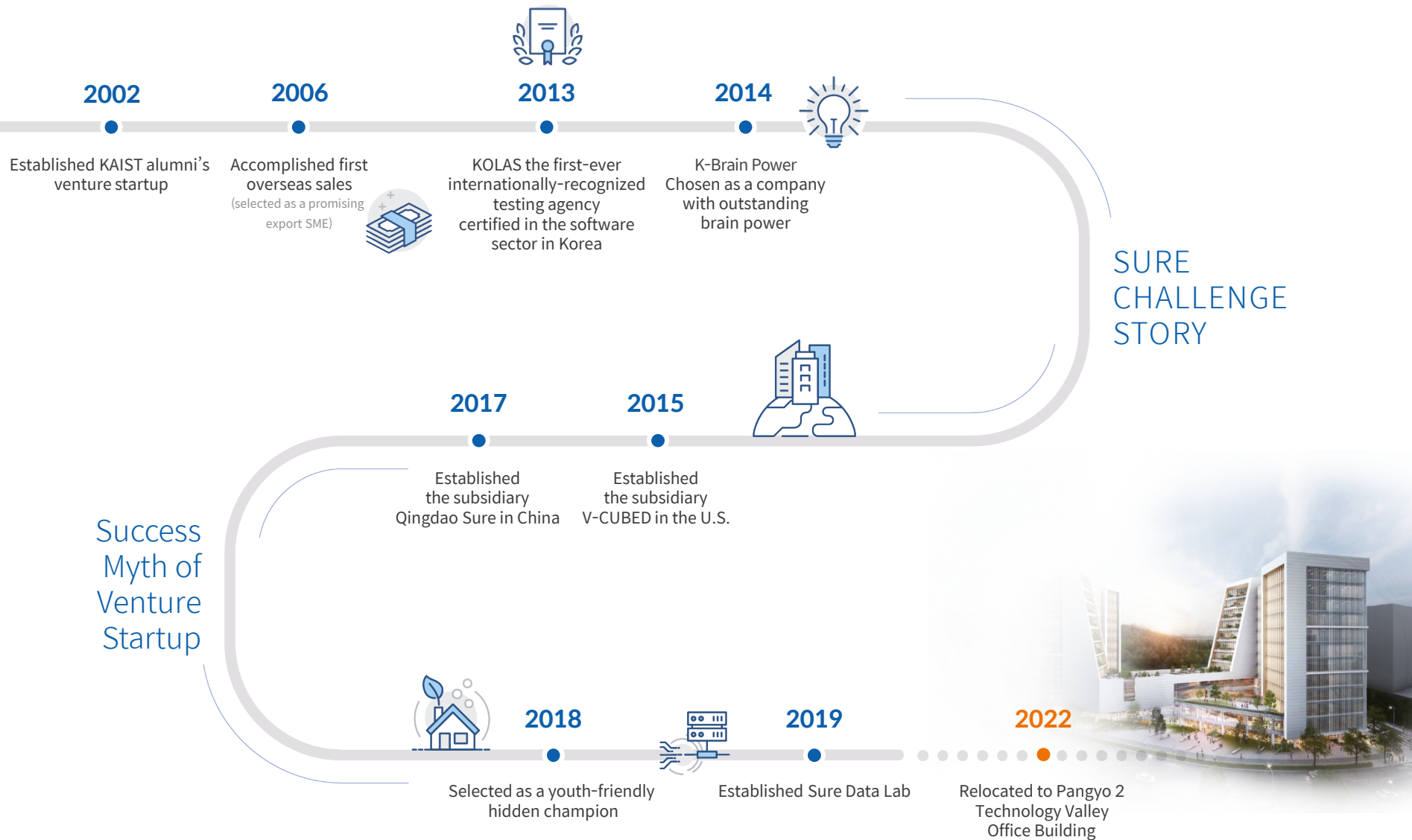


Beginning

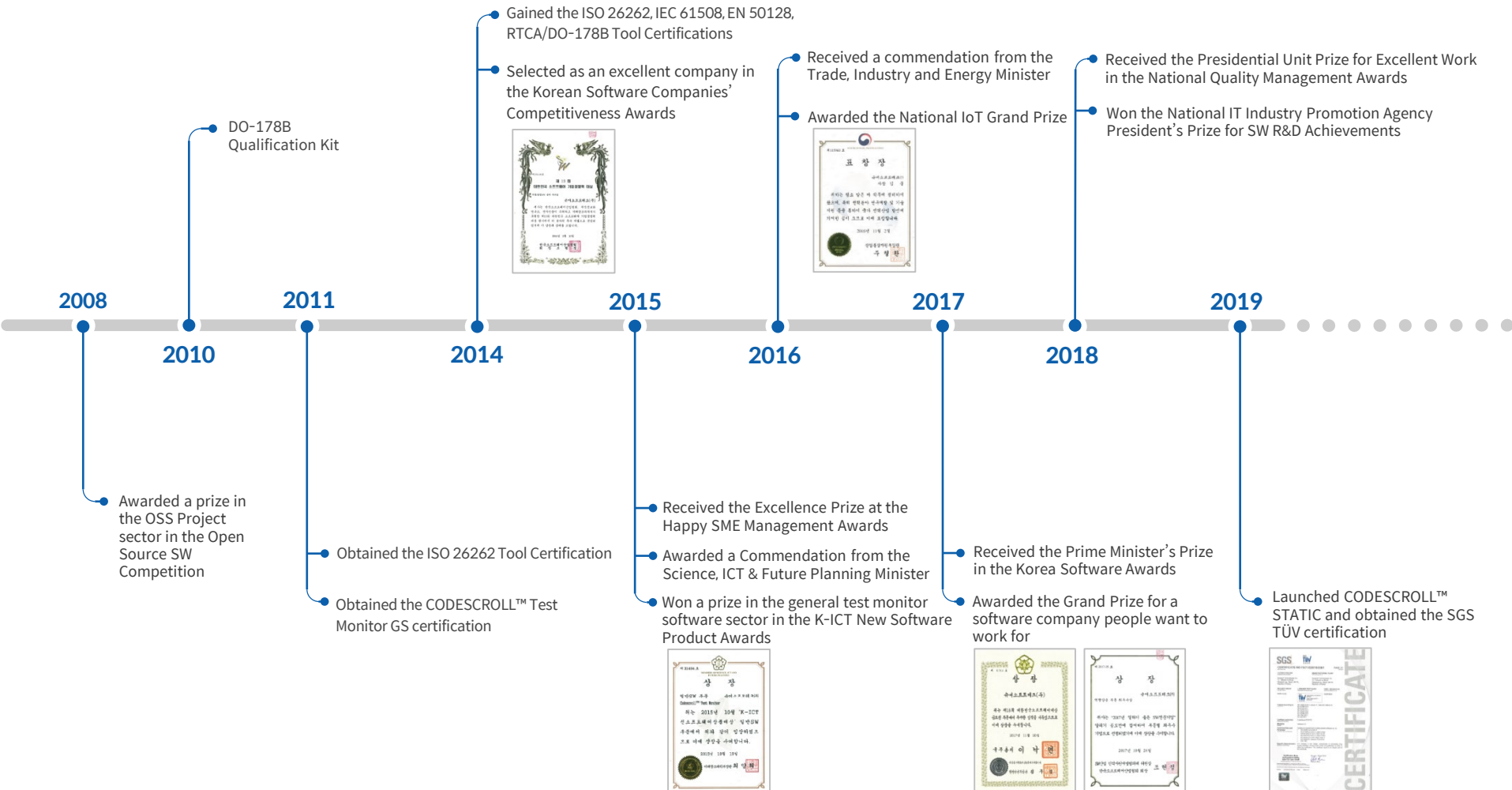


End

History



Certification & Awards

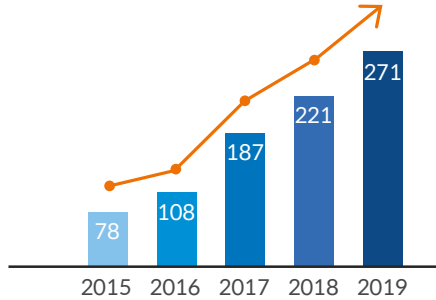


Status

01

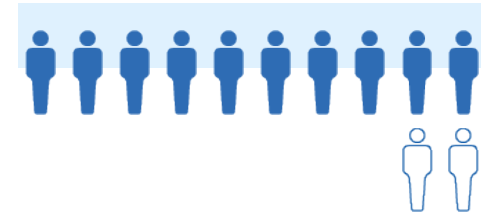
CAGR for the past five years **37%**

Posted KRW 27.1 billion in sales in 2019



Software R&D technical personnel **218** people

R&D personnel takes up more than 89% of all staff.



Software verification automation solutions 11

Launched **two** new solutions
in the autonomous driving field

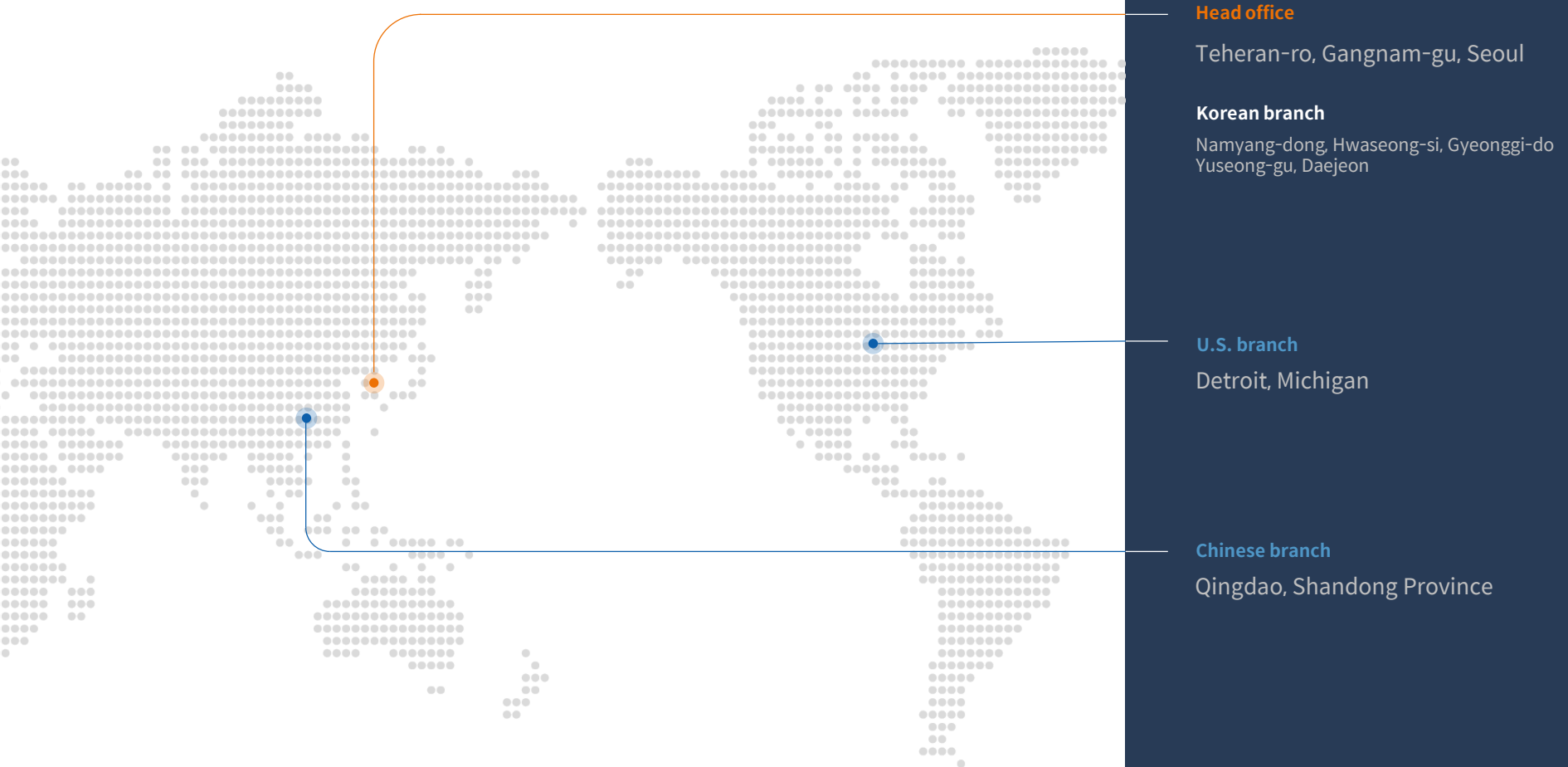


Performed verification service
– approximately **170** cases
(in 2019)

Carried out software safety verification projects including ISO 26262 function safety, HILS, and DILS



Global Network



SURE DO

Suresoft is an end-to-end partner responsible for the safety of software from the start to the finish. We are engaged in various businesses including automation solutions, engineering services, practical job training, and we are expanding our business area into future safety technologies.

Industry



Automobile



Defense
/Aviation



Energy



Shipbuilding
/Railway



Medical service



INDUSTRY4
Fourth
Industrial
Revolution



Electric vehicle / Autonomous driving

Provide an integrated autonomous driving vehicle solution



AI

AI-based system quality level achievement and virtual test



Next generation mobility

Key technology development and security of mobility software



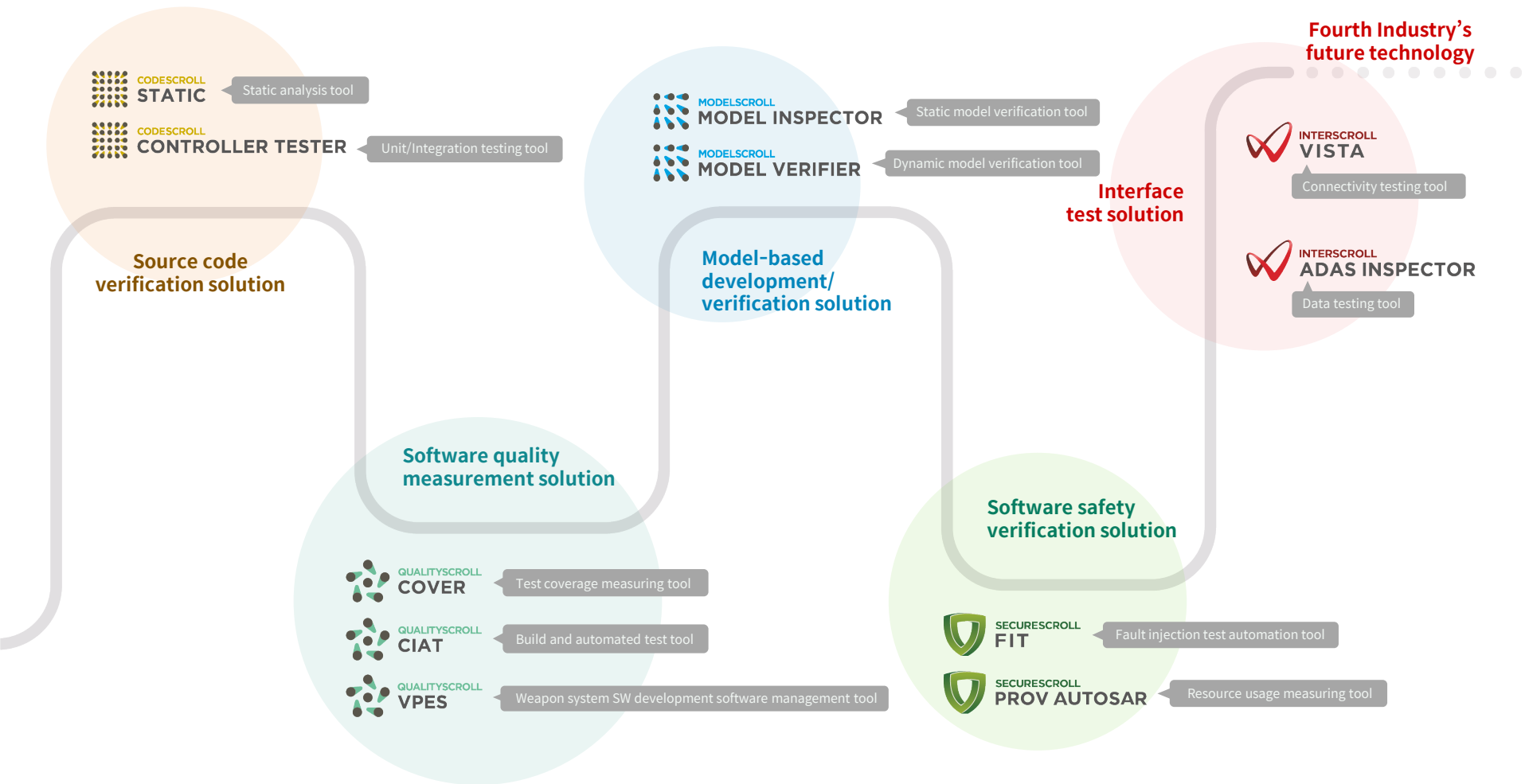
Robotics

Robot automation software and system platform verification

Business Model



Solution for End to End



Have the source technology for Korea's first software testing automation tools

Service for End to End



Response to function safety documents

Standardization of the ISO 26262 documents

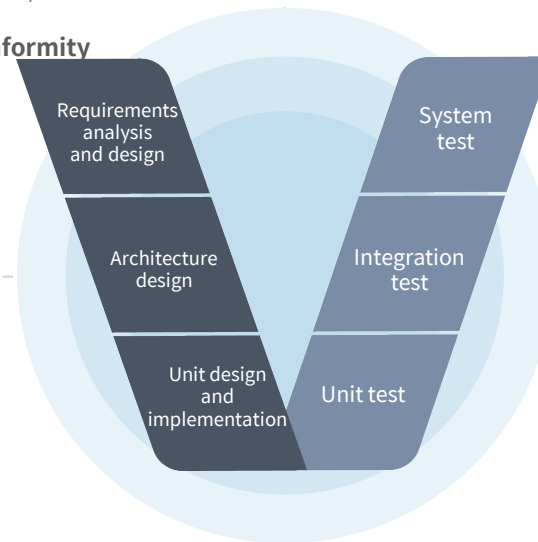
Drawing up the ISO 26262 standards' requirements and design documents

Code-based documentation

Drawing up documents to obtain the functional safety and process certification

Document traceability / Verification of conformity

Traceability and conformity among the design and code requirements



Design / Development of controller logic

Controller software development

Controller SW design and implementation of the ISO 26262 process

Software optimization

Ensuring maintenance/repair and reusability through structuralization / modulization

Model development

Reduction of time to market through MBD and early verification of modeling phase

On target verification



DILS(Driver In the Loop Software) verification

Verification of virtual road situations that reflect real road situations

HILS(Hardware In the Loop Software) verification

Target system specifications review and verification environment development

Fault injection verification

Artificial fault injection, fault detection and processing verification

Verification of resource use

Measurement and analysis on the various uses of resources

Controller software verification



Model verification

Static verification (model rules), dynamic verification, congruence verification

Dynamic verification

Carrying out unit and integration tests

Static verification

Coding rules, verification of code metrics, verification of run-time errors

Application of functional safety standards of each industry



ISO 26262/MISRA-C



IEC 61508/IEC 60330



DO-178C/IEC 62279
EN 50128/IEC 62304

Easy and quick

From software test reports consulting
to the issuance



Internationally recognized testing agency

Received acknowledgment as the
first internationally-recognized
testing agency in Korea



19 years of software verification knowledge and expertise

Provide reliable services with
verification experience of 400 cases



Quick issuance schedule

It is possible to negotiate the
desired schedule for issuance
within a maximum of 1 month



Onsite visit service

Provide accurate services
through onsite visits

A to Z guide

From recognized test reports
to general test reports



Authorized test service

(Issuance of recognized test reports)

Approved as an internationally recognized test agency by
evaluating the quality systems and technological capabilities
of the testing agencies under the standards and procedures
acknowledged by KOLAS.



Unauthorized testing service

(Issuance of general test reports)

Ensure reliability with tertiary verification on the
government R&D project's quantitative goals and
customer requirements.

Training for software testing **practical work**

Train more than **500** trainees annually

Industry-University Cooperation training

Basic training for software testing and automation solution practice through an MOU of industry-University Cooperation



Training for hands-on workers

Practice of automation solutions and practical work cases training to improve software testing skills



Corporate training development

Professional training development of customized software testing according to corporate needs

SURE WITH

Suresoft Technologies
will head for “Software for a Safe World” along with you.

Partners

Defense



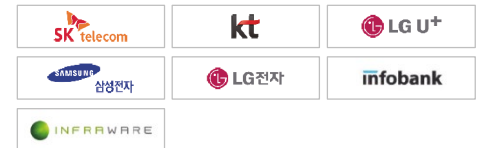
Automobile



Railway



Communications / Electronics



Electric power /Nuclear power



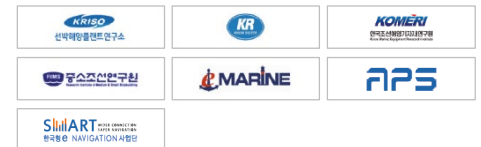
Public sector



Finance /Banking



Shipbuilding /Marine sector



Thank you