



COMPANY SPECIALISED IN
CONSULTING, ENGINEERING AND PROCUREMENT

Oil and Gas, Petrochemical and Power Plants

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Introduction

SIMECO.Systems was founded in 2006 after a four-year long successful operation of a representative office of Italian SIMECO Engineers and Contractors in Sarajevo. Today, SIMECO.Systems is a company specialized in Consulting, Engineering and Procurement in the field of Oil and Gas, Refining, Petrochemical and Power Plants.

Over the years, we have developed diverse competences where we emphasize engineering of refineries, pipelines, chemical, petrochemical- and power plants, as well as waste-water treatment plants and solid-waste treatment plants. With its 20+ employees

and a 15+ external collaborators, SIMECO.Systems is a medium-size company with the ambition and tendency of further growth.

The headquarters of the company is located in modern offices on two floors, only 15 minutes drive from the Sarajevo International Airport and close to the city center, with good connections to the public transportation.

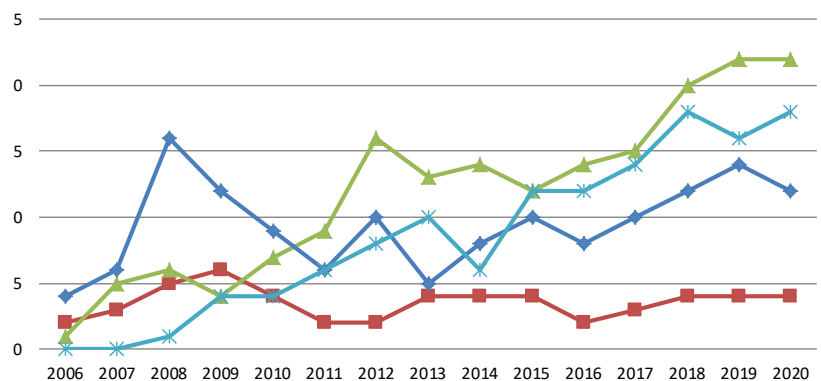
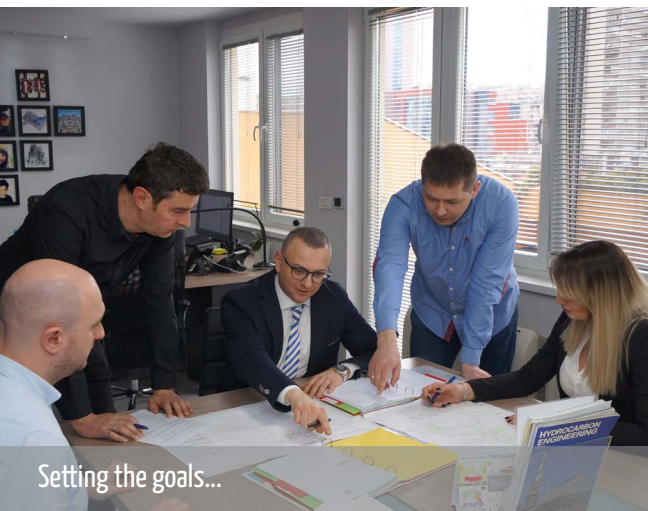
Company Strategy



In order to accomplish our goals and obtain a prominent role in the field of engineering, we have developed the strategy which can be summarized in the following key points:

- Availability of highly professional, motivated and experienced staff,
- Constant and targeted education of our technical staff,
- Flexible approach to our clients and availability at any time,
- Highest possible quality of rendered services.

Our partner relations with reliable local and foreign companies make it possible to perform complex and multidisciplinary engineering tasks. Our collaborators are carefully selected experts in their fields. Project safety and health design environment criteria are important factors for SIMECO.Systems, and are always taken in due consideration during the entire cycle of each project. We at SIMECO. Systems are deeply convinced that by using equipment of the worlds leading producers, in combination with our innovative spirit and expert knowledge, we can occupy the targeted market and continue our enviable growth.



SIMECO.Systems started as an engineering company only, but as the time passed, we evolved into a company with qualified and educated employees and external collaborators, capable of fulfilling complex start-up and commissioning tasks, primarily in the field of instrumentation and automation.

for fast growth and progress in the field of Commissioning and start-up.

Our company is determined to proceed with engineering activities constantly increasing range, complexity and quality of our projects, and at the same time we see opportunity

Activities and Services

SIMECO.Systems is specialized in the field of Mechanical, Civil, Electrical and industrial automation, instrumentation with the capability, experience, organization and qualified staff to render services in the following areas:

- Refinery, Petrochemical and Chemical Plants,
- Energy production and distribution,
- Technological and manufacturing plants,
- Oil and Gas pipelines and gathering systems.

We perform activities covering the following engineering tasks:

- Feasibility studies and economical evaluation,
- Detailed, Basic and FEED engineering,
- Drafting Services,
- 3D modeling,
- Tender Cost estimates
- Supply of materials, including procurement, expediting and testing,
- Commissioning, Start-up, Loop check, FAT, SAT and Erection supervision.



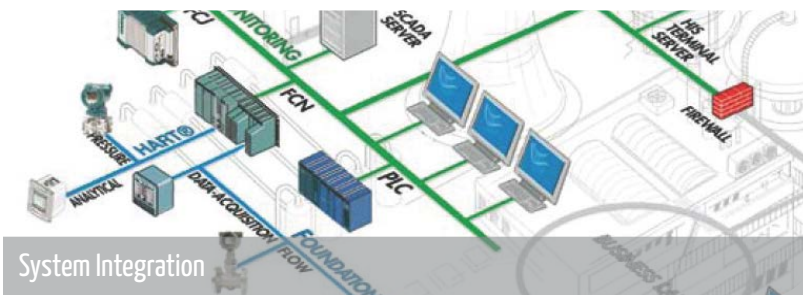
Petrochemical Plants



Power Plants

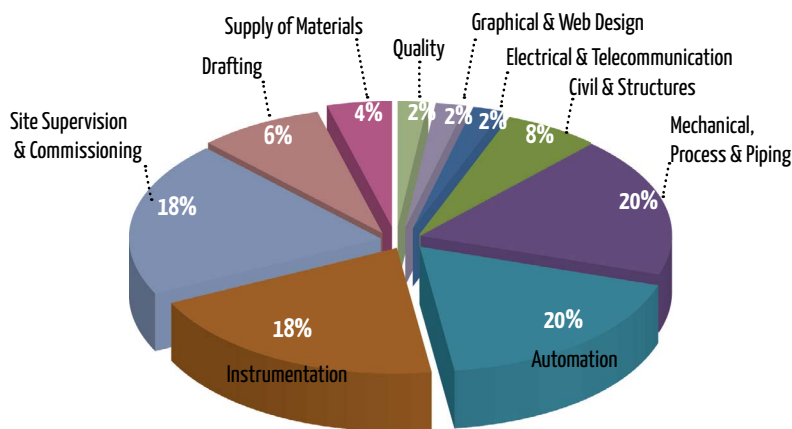


Gas Pipelines and Metering Skid

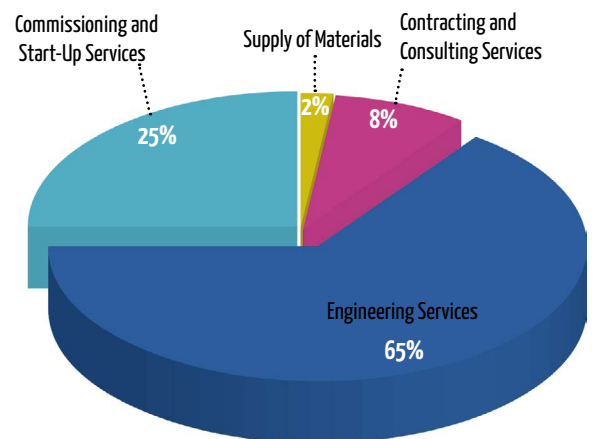


System Integration

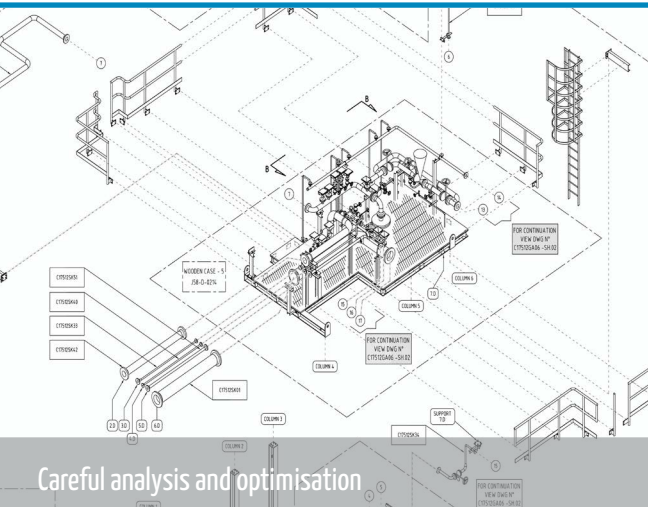
Activities Classification



Contract Assignment



Feasibility Studies



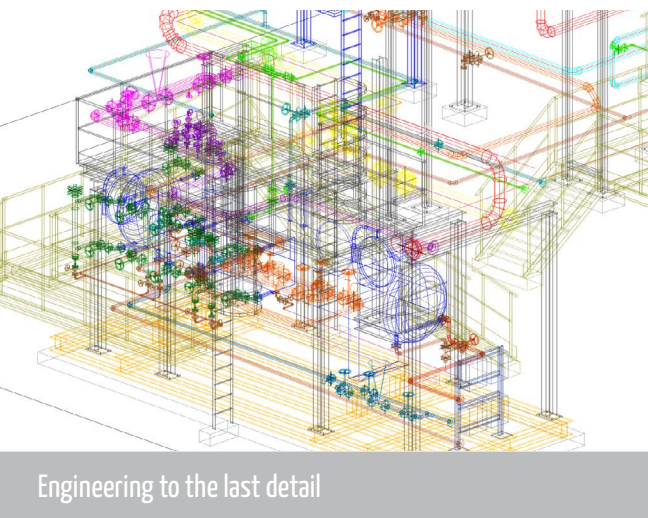
Careful analysis and optimisation

SIMECO.Systems conducts complete feasibility studies for erection and start-up of smaller plants and production lines. As the final product, we offer:

- estimate of the size of the investment, economical feasibility study with several financing models, suggesting different dynamics of the project development,
- project plan optimized according to deliveries, storage, issue of permits, market etc.,
- complete technical, technological and

architectural solution, possibly including vendor evaluation and their offers,

- impact on the environment,
- procedures for fulfilment of necessary legal requirements,
- tender documentation for the project.

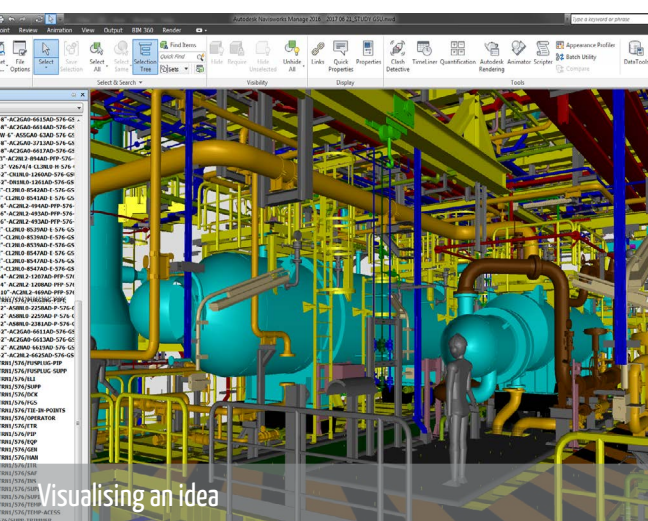


Engineering to the last detail

FEED Engineering, Basic & Detailed

The main activity of SIMECO.Systems is FEED, basic and detailed engineering. We have a profound knowledge and extensive experience in mechanical, civil and instrumentation and automation engineering, gained in numerous large international projects. Our advantage is the ability to setup a taskforce that can work remotely as an integrated part of the team of our Client. To ensure security and reliability, we use server-based and cloud engineering tools

and applications. After the engineering phase, we remain at disposal to our Clients for services as Factory and Site Acceptance Test (FAT/SAT) for automation systems, Commissioning and Start-up services, As-built documentation, Operation manuals and 3D Visualization of engineered plants.



Visualising an idea

Drafting Services & Graphical/Web services

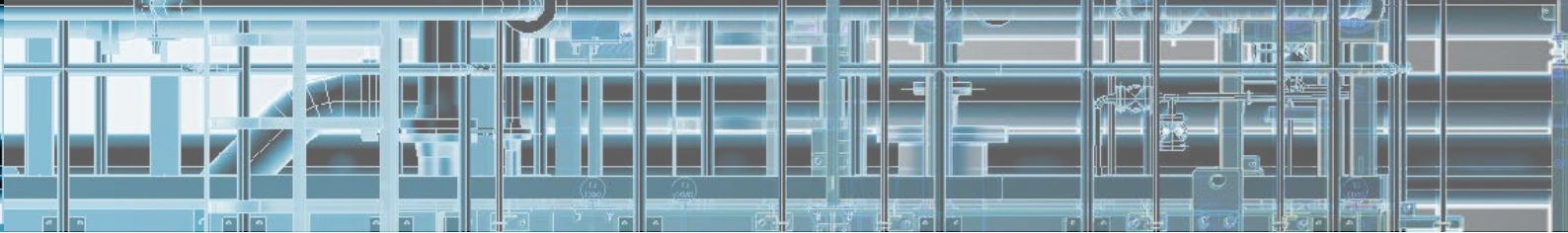
SIMECO.Systems has the capacity to produce a large quantity of documents from red-marked copies, draft drawings and As-built notes in AutoCAD, MicroStation, PDMS, ESAPro, MS Office

and similar programs. Moreover, we can offer 3D services in form of high-quality renderings and animations, and for our clients we offer complete Web solutions and presentations.

3D Modeling Services

From the year 2012 we provide complete engineering services with 3D modeling in PDMS/E3D, ESAPro, CADWorx, and PDS software. This allows us to be more efficient

during design process and to predict possible inconsistencies of the design data. It helps us achieve faster the goal of synchronization of all design documents.



Design process goes back and forth until it reaches the optimal status, making the relevant documents coherent.

3D modeling saves valuable time during the design process. By using 3D plant design

software, we are able to provide our Clients integrated engineering and design solutions.

Tender Cost Estimates with BOQ-s

SIMECO.Systems has developed a specialized tool for efficient and fast production of estimates of costs for capital projects such as refineries, pipelines, polymer factories etc. Using data from basic and FEED engineering, we produce an estimate of the required material quantities, control system specifications, man-hours, power- and air consumption, size

of the control rooms, air conditioning etc. The total predicted costs are used to prepare project bids by large companies. Based on the produced documentation, we also prepare tender documentation and bid evaluation for packages, systems or other parts of the project.

Supply of Materials

We at SIMECO.Systems offer also a procurement of instrumentation and automation equipment. We participate in public tenders as well as project proposals where we offer our technical and technological solutions in combination with equipment of producers that we represent for the territory of Bosnia and Herzegovina – Yokogawa, ZPA Pecky, FLIR, Siemens and others. In order to assure maximum quality of the supplied equipment

and the procurement process in general, we prepare Inspection Data Sheets for the tests that need to be undertaken by vendor prior to the shipment. In some cases, SIMECO.Systems personnel is witnessing the tests and packaging. Upon delivery, the final Client receives complete documentation from tests on each individual purchased part.

Commissioning and Start-up Services

Important part of our services are Commissioning and Start-Up services. Upon Client request, SIMECO.Systems can form an expert group, a so called „I-team“, providing on-site services at the Client's premises. The team may have three to fifteen members and participate in factory acceptance tests (FAT), database management, site acceptance

tests (SAT), commissioning, loop checking, troubleshooting and similar tasks. It is of invaluable advantage when engineers who participated in the engineering phase of a project, also do system testing and start-up. This way the entire project is accelerated by instant knowledge transfer to other workers.



Towards the optimal solution



Witnessing the inspection



Site survey and commissioning

Integrated Efficient Work Applications

Integrated Solutions-INTEGRA[®]

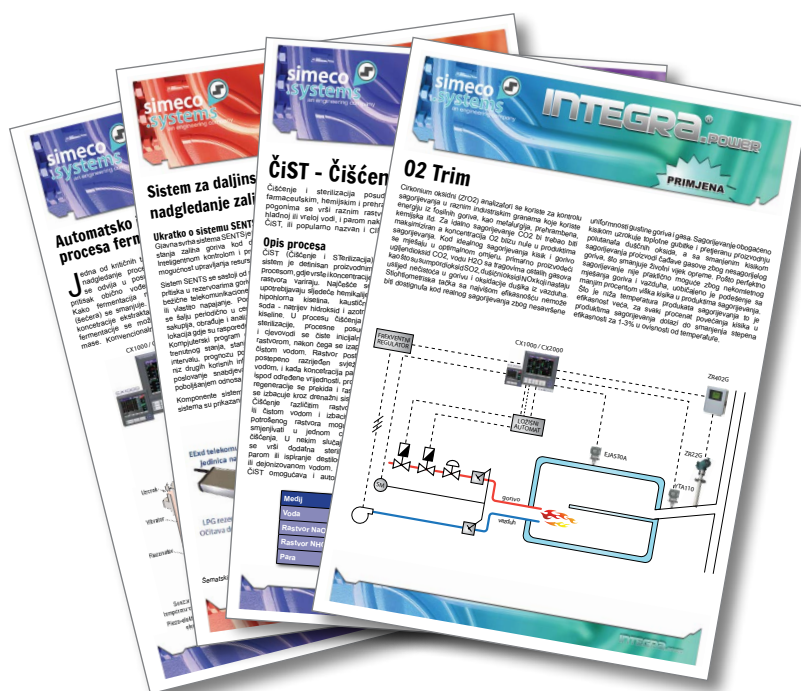
INTEGRA
FUEL
MEDICO
POWER
PROCESS

INTEGRA is a package of technical solutions, services and support to industrial producers of various kinds. The purpose of the product Integra is to increase the efficiency of production lines of our Clients. This includes acceleration of production by automation, ensuring high quality by proper instrumentation, minimization of costs by optimization of production and finally, environment protection by implementing green technologies. Integra is a branded name of SIMECO.Systems, and it is a product of our own highly qualified staff.

So far, we have developed the following applications within the INTEGRA framework:

- Control of beer fermentation process,
- Quality control of milk-based products,
- Clean-in-place of process tanks,
- Combustion optimization,
- Control of soda production by electrolysis,
- Fuel supply management for distributed storage,
- Power management.

We are constantly developing new solutions of automation systems and are ready to take on any challenge that a specific task may pose.



Information Technology

Besides investing in the staff, SIMECO.Systems keeps up-to-date all elements of the internal IT system comprising: the computer network, Server and Cloud Services, Sharepoints, computers, workstations, printers, plotters, software packages and the organization of users support.

The established system of VoIP technology connects our offices internally, as well as with the mother-company in Milan. Good infrastructure of the company proved to be essential for the achieved success. The entire system is maintained by our system administrator, and all data are stored according to our quality management system making it easy to have an overview of projects and pertaining documents. Backup of the UPS supplied main office server is performed on a daily basis. A dedicated Cloud and Sharepoint is used for larger projects that are working in different locations. In general, we take great care of security and integrity of all data that are used in our work.

At SIMECO.Systems, we routinely use the following software packages:

- PDMS, E3D,
- ESAPro
- CADWorx
- PDS (INTEGRAPH),
- MicroStation,
- AutoCAD,
- Smart Plant Instrumentation (formerly known as INtools),
- AVEVA Instrumentation,
- SAP 2000,
- CEASAR II,
- CATIA,

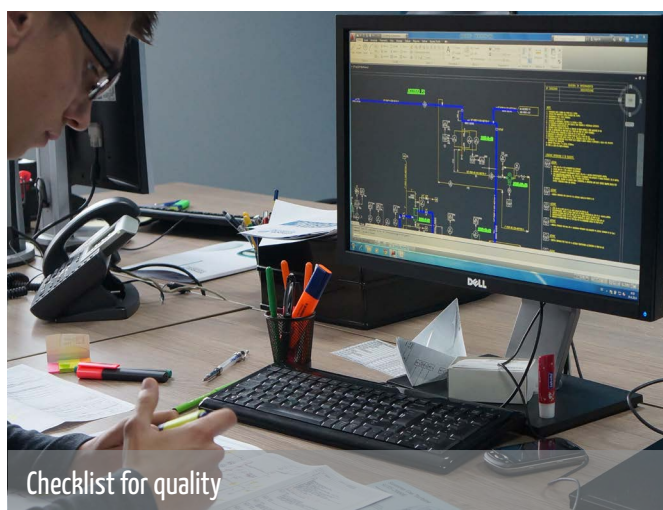
- SOLID Works,
- NAVIS WORKS,
- LAB view,
- 3ds max
- MS Office and others.
- Visual Basic, PHP, Java

At SIMECO.Systems, we are not only users of software. For our internal needs, we develop tools and applications that help us do work faster and limit the possibility of making errors.

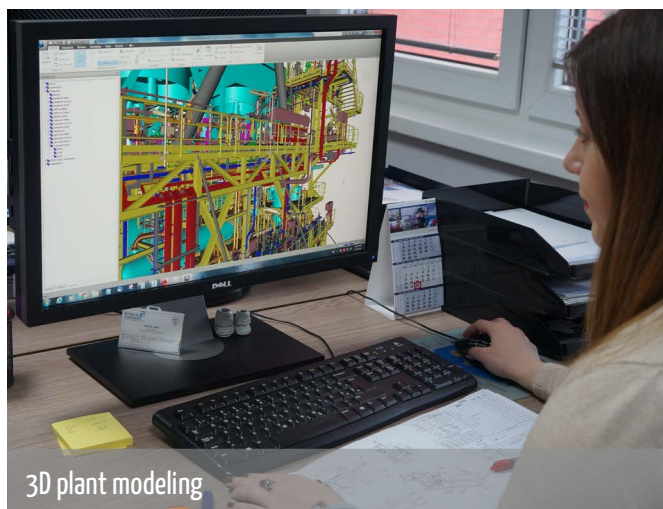
An example is newly developed and tested program for Bill Of Quantities (BOQ) preparation. The program MOCCO gathers relevant data from process and instrumentation diagrams, general plant data are inserted, and reports with material and instrument quantities, I/O count, system specifications, needed engineering man hours etc. are automatically produced. With these data, a qualified offer for the plant is prepared. In addition, the database which is built can be used with great advantage in the following stages of engineering.



Network and server connections



Checklist for quality



3D plant modeling

Human Resources



Administration, Accounting and Finance



International working experience



Teamwork assures best results

The most valuable asset of our company is our staff. Their excellent technical qualifications, extensive experience and constant training guarantee satisfaction of our Clients. Currently, the company has 20+ employed engineers, technical, financial and administrative staff. The company can achieve a total of 50.000 man-hours per year, if all SIMECO offices are included.

Our employees receive specialized training in the offices of SIMECO S.p.A. in Milan, Italy, in the use of newest information technologies, analysis, engineering and implementation of projects. In addition to this, key personnel are trained at the premises of producers of the equipment which we market and use. All our staff are fluent in English and most speak Italian as well. Thus, we can easily communicate and cooperate with Clients worldwide.

Many of our employees have international working experience and have graduated from renowned world Universities.

High degree of our professionalism and systematic work has given us the status of standard supplier, integrator and engineering company for a number of local as well as international companies.

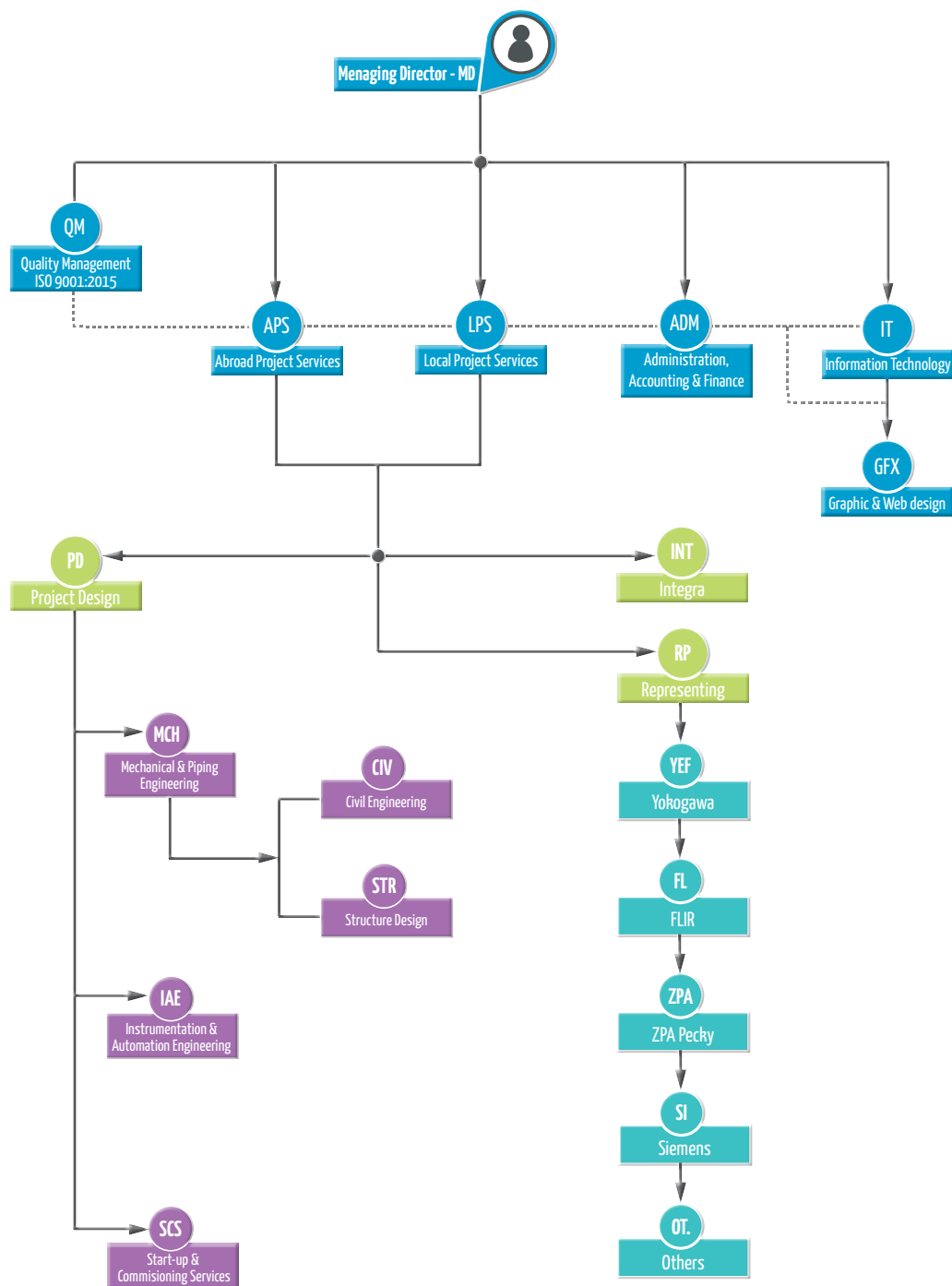
In addition to 20+ employees, our company has well organised database of external associates.

Our external associate's database contains over 100 CVs of educated, skilled and qualified engineers and technicians capable of performing site activities sorted in the following categories:

- Instrumentation,
- Automation,
- Electrical,
- Mechanical,
- Process,
- Operators

Organization Chart

The organization chart of the company is shown in the figure below. The flexible structure at SIMECO.Systems ensures efficient action. After analysis of required resources, for every project a multidisciplinary group is formed. The project manager is appointed, and is responsible for work distribution, realization of the goals, quality and keeping the deadlines.



Quality Management



Discussing for best decision



Working by procedures and check lists



Quality Policy and Certificates

SIMECO.Systems introduced the Project Quality Management System (PQMS) certified by ISO 9001:2015 in the year 2018. This system ensures our company to operate as an organized, cohesive and systematic unit working towards target goals and objectives.

Level 1
The Project Execution Plan identifying the organization, interfaces, authorizations, reporting levels and the execution method for the successful completion of the project.

Level 2
The Project Quality Plan defining in general terms the overall Quality Assurance (QA), Quality Control (QC) and any certification arrangement for the project in accordance with the certification requirements of ISO 9001:2008.

Level 3
The project procedures are selected from the standard Client / Simeco procedures to cover the scope of the contracted work and amended, where necessary, to become project specific.

Level 4
Codes and Standards ensuring that design, procurement and construction meet the requirement of regulatory, health, safety and environmental aspects.

Level 5
In order to verify technical compliance with the Project Quality plan and other requirements of the PQMS, a program of internal quality audits are conducted with an agreed schedule. The purpose of such audits is to identify and facilitate solutions for any deficiency detected and to rise up improvement.





Notes

3D Sketchup Model



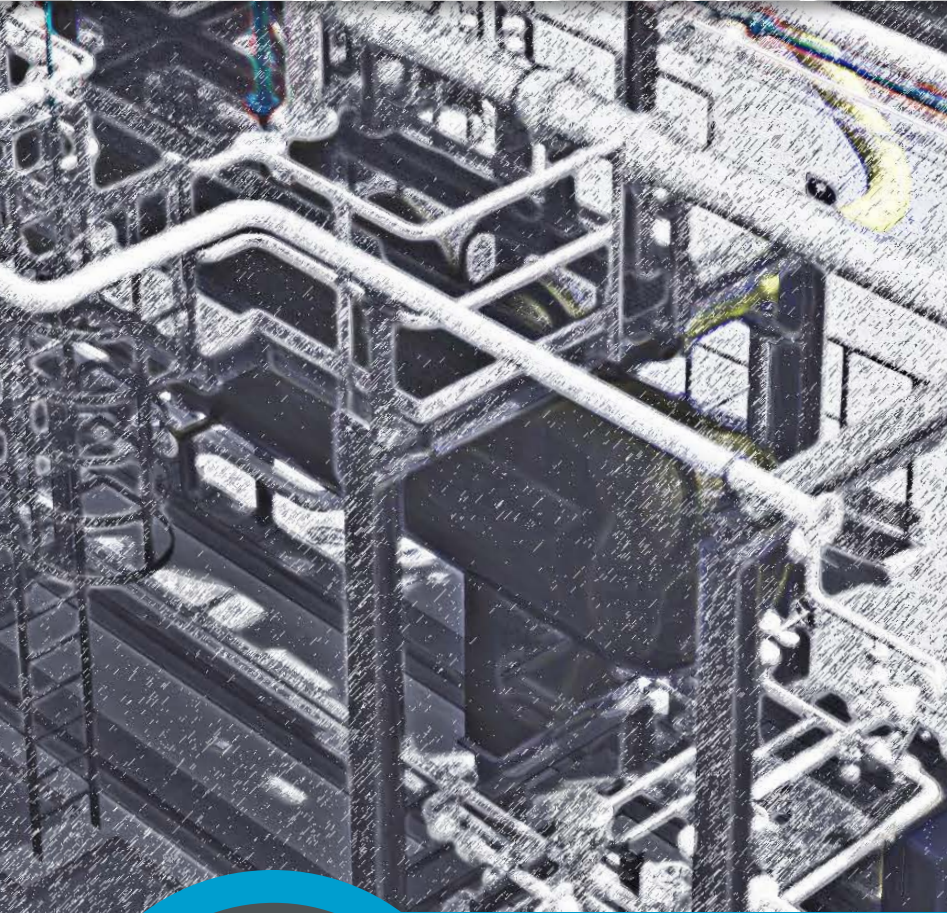
Our Mission

We are founded with the goal of gathering engineering staff in Bosnia and Herzegovina and the region of Central-East Europe, approaching mainly the European and Middle-East, as well as the local market.

Our mission is to increase competitiveness of our clients through modernization of their production-lines and fulfillment of the new criteria in industrial production concerning the efficiency, quality, pollution reduction and safety.

Combining the newest technologies, our knowledge and systematic, innovative approach to challenges in our work, we want to secure a

constant growth and prosperity of our clients, which we consider as our success and motive for further work. We strive to be the vanguard of creative solutions and inspire industrial collaborators to think of us as the preferred partner for efficient and fast problem solving of high quality.



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We design your plant!

QR Code

