

Digital services and solutions for fleet management





Who we are, Where we are?

Over 30 years experience

Year of Establishment

Headquarters

Offices

Manufacturing Area

Group HC

Certifications

Localizations

Website

1984

Prato, Italy

1.200 m²

4.600 m²

200 Permanent Staff

ISO 9001/ ISO 14001 / OHSAS 18001

9 Countries

www.sse.cc

ALGERIA - SSE EL-DJAZAIR

www.ssedz.com

ANGOLA - SSE & OILFLOW

www.sse.com

BRAZIL - SSE DO BRASIL

www.ssebrasil.com.br

ITALY - SSE

www.sse.cc

IRAN - SSE IRAN BRANCH

www.sse.cc

IRAQ - SSE IRAQI BRANCH

www.sse.cc

JAPAN - SSE

www.sse.cc

KAZAKHSTAN – ZEINET&SSE

www.zeinetsse.com

U.A.E. - SSE ME DMCC

www.sse.cc

GLOBAL MINDSET & LOCAL OPERATION





What we do

Industries Served

 Oil & Gas, Pipeline, Petrochemical, Refinery and Power Generation

Applications

· New and Mature Fleets of Rotating Machines and Plants

Products & Services

- EPCC of Integrated Engineered Solutions for Rotating Machines
- EPCC of DCS, F&G, ESD and SCADA for Process Plants
- IIoT Solutions & Digital Services
- · Consultative services for Rotating Equipment & Plants
- Field Service Activities
- Training for technical competences
- · After sales assistance and services

Our vision & mission

Vision

 To be a Leading Digital Industrial Provider of Turn-Key Solutions with a Global Mindset combined with Localized Operation.

Mission

- Provide Solutions for New Projects and Revamping, Upgrading & Optimization of mature fleets of Rotating Machines and Plants in the Oil&Gas and Powergen Industries.
- Grow in the Industrial Internet of Things, Cloud Services and Augmented Reality markets.
- Expand presence in strategic Countries and develop local expertise maximizing local content.





IIoT Solutions & Digital Services

Sensor-to-Cloud Engineered Solutions

Services:

- Survey for Digital Assessment
- Digitization through retrofitting of equipment with new sensor technology
- One-stop Solutions from Plants to Cloud including data acquisition, processing connectivity, big data analytics, machine learning algorithms and visualization
- Cyber Security Solutions in compliance with the IEC 62443
- · Augmented reality for troubleshooting support

Benefits:

- · Quickly acquisition of valuable data
- · Easy installation and extensibility via Plug&Play
- Control and optimization of installed bases
- · Instant problem detection and diagnostic
- · Reduced maintenance costs
- Improvement of production and service quality
- Defense in depth against industrial security threats
- Enable predictive maintenance

Cyber Security Services

SCADA/ICS Security Cyber Upgrade

Corporate Network Assessment focusing on segregation and isolation SCADA / ICS Network Assessment (in compliance with the IEC 62443)

SCADA/ICS Security Assessment

Testing SCADA and ICS network systems simulating network attacks and checking devices configuration

Network Intrusion Detection and Prevention Systems

Monitor and block malicious activity and attacks providing traffic logs

Remote Access Security

Data-diode (one-way directional), VPN, intrusion prevention and readonly access based on different users level authentication

Patch Update Service

Periodic OS and antivirus update for HMI and Historian Server

Network components upgrade

HMI / Historian / Switch upgrade with up to date technologies

IIOT TURN-KEY SOLUTIONS





Our Main Customers































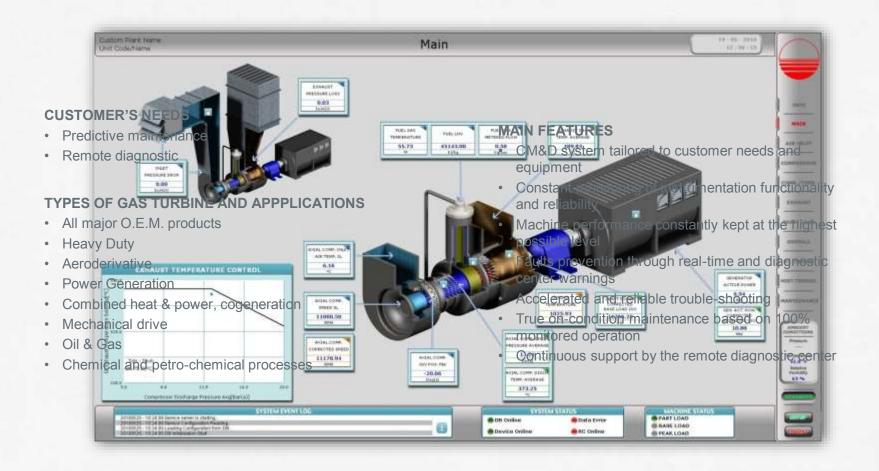


Customers





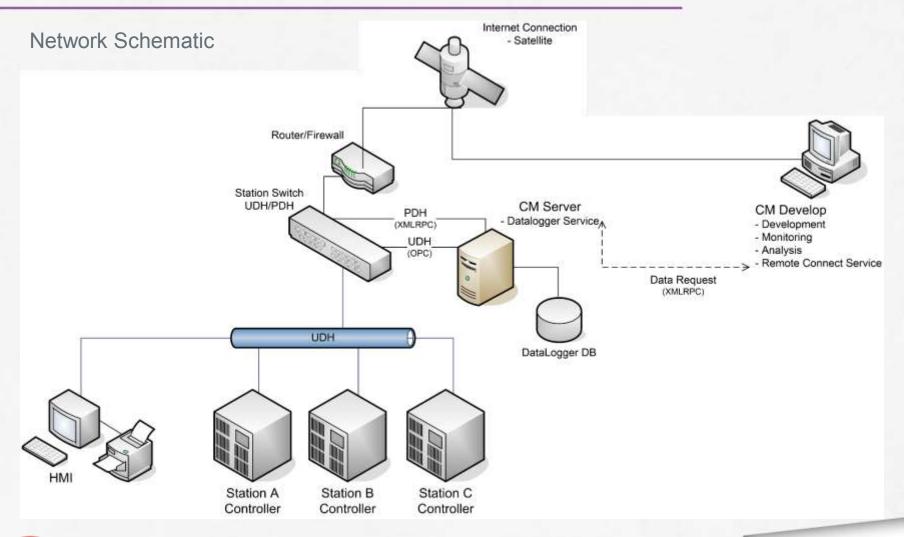
2010: CONDITION MONITORING







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2016: PREDIX PORTING

Porting on Predix classed Platform to be able to bindard barred barred by the Edge per Predix Analytics technology and Digital Twin concept.



Analytics algorithms that process machine data to provide a framework for developing and embedding advanced analyses in business operations of APP

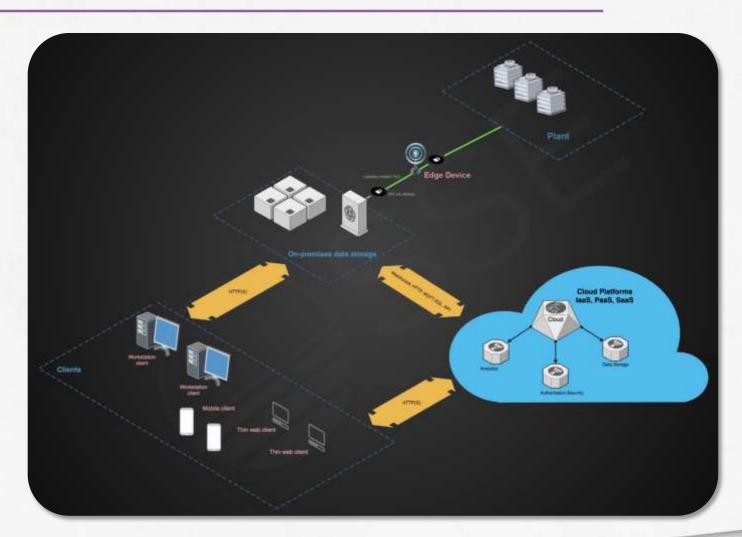
Application of the provided and provided a framework for developing and embedding advanced analyses in business operations.

2017 Predix Condition Monitoring test with Modbus and OPC UA protocols data acquisition (others standard or custom protocols adapter available)





2018-19: SSE IIoT SOLUTION







2018-19: IIoT4.WATER + 5G EXPERIMENTATION

Who needs it?

Water treatment plants

What we do?

- Automate a process
- Predictive maintenance
- Improve the efficiency
- Avoid bypass
- Data for top management

How?

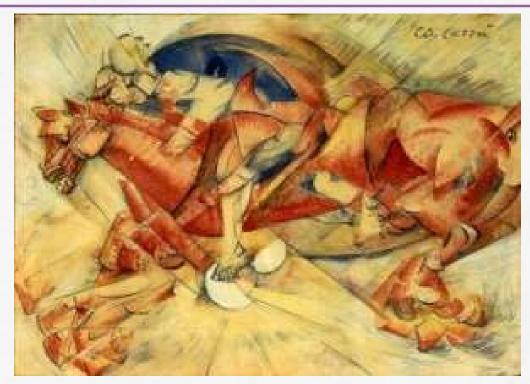
- Innovative sensor
- Machine Learning
- Digital Twins
- Cloud
- 5G connection







Licenza poetica



"Cavaliere rosso" Anno:1913 Espressione oggi più che mai attuale. La vita moderna dominata dai miti della velocità e del progresso









WE TURN YOUR CHALLENGES INTO SOLUTIONS









SERVIZI DIDATTICI E SCIENTIFICI PER L'UNIVERSITÀ DI FIRENZE