

INSTALL

MARINE SURVEY GENUINE SOLUTION

Established in Naples Italy, in 2010, by a Young and Experienced Team of ICT, Geophysicist and Marine Survey Engineers, INSTALL S.r.l. presents itself as an innovative and avant-garde technical support to the Marine Offshore Survey Industry.

Install provide marine geophysical and enviromental surveys and technical support services worlwide to companies and organisations operating in any marine or acquatic environment.

Our reference market include offshore oil&gas, submarine cables, port and coastal, renewable energies, scientific research, marine technologies and other related businesses.

INSTALL offers a wide range of technical, operational and scientific support services in filed of marine sciences and technologies and marine survey engineering.

Services provided by INSTALL include:

IMR - Inspection Maintenance and Repair

Geophysical Survey

Construction Support

Topography and Dimensional Survey

Inspection in difficult and polluted environment

GIS and Charts

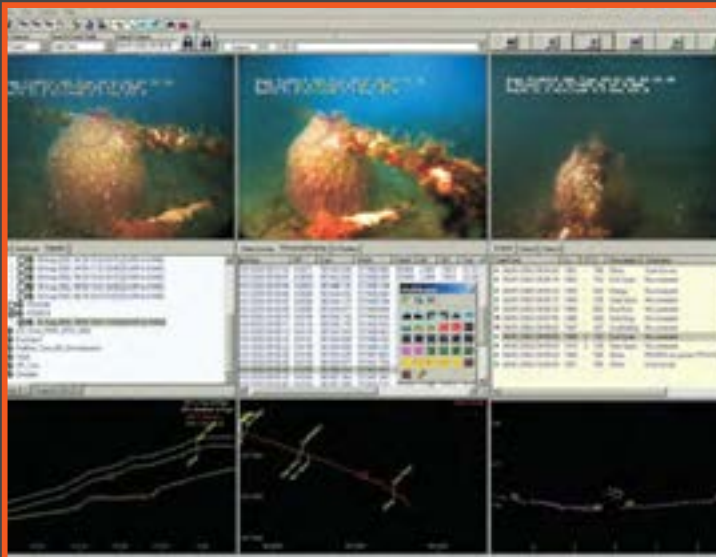
Software development and Technological Innovation

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CONSTRUCTION & IMR



Jacket and Subsea Structure

Installations

Diving and ROV Vessel Support

Support of Inspection, Repair &

Maintenance

INSTALL has focused on equipment and application development for the growing IMR (inspection, maintenance and repair) market.

In recent years, a vast amount of seabed structures and other hardware have been developed and installed offshore, all of which require regular inspection and maintenance. The company has focused its skill-sets on offering a specialised and cost-contained services provider.

A range of services are provided within this market, including Visual Soft applications, light construction work, inspection and ROV operations. In addition, Install Team provides vessels to support all types of their services.

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GEOPHYSICAL SURVEY

INSTALL offers a full range of geophysical services from basic bathymetric surveys to fully integrated geoscience solutions. The company is equipped to meet the needs of its clients, deploying innovative technology to provide the most appropriate and cost effective solutions in the offshore environment. Integration of the latest technologies and techniques allows the company to offer customers a complete survey solution even in the most complex of scenarios:

Single Beam Echosounder Survey – Bathymetric Survey usually suitable for very shallow water area, a/o inside harbour areas, Locally detailed survey

Multi Beam Echosounder Survey – Detailed Bathymetric Survey (Shallow and Deep Water)

Side Scan Sonar Survey – Seabed Features Survey, Seabed Acoustic Inspection, Target Inspection, Geomorphological Survey, Very Detailed Seabed Survey

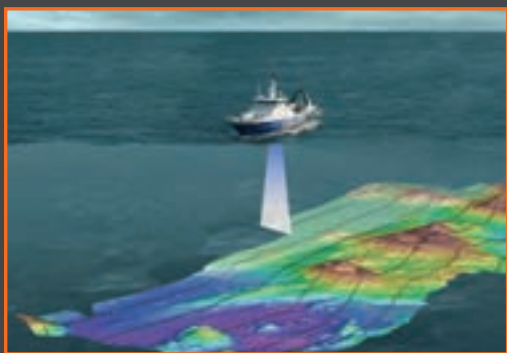
Magnetometer – Magnetometric Survey, Metallic Debris Reconnaissance Survey, Gradiometer Survey

Sub Bottom Profiler – Seabed Seismic High Resolution Profile, Seismic Buried Object Detection, Buried Pipeline Survey and Identification, Pre-Mining/Pre-Dredging Seismic Survey

Sparker – High Penetration Seismic Profile (Single/Multi Channel)

Coring – Core Sampling and Stratigraphics/Sedimentological Logs

Cone Penetration Test – Cone Penetration Test



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GIS & CHARTS

GIS

A geographic information system (GIS) integrates hardware, software, and data for capturing, managing, analyzing, and displaying all forms of geographically referenced information.

GIS allows us to view, understand, question, interpret, and visualize data in many ways that reveal relationships, patterns, and trends in the form of maps, globes, reports, and charts.

A GIS helps you answer questions and solve problems by looking at your data in a way that is quickly understood and easily shared.

GIS technology can be integrated into any enterprise information system framework.

INSTALL provide Visual Soft and Autochart Applications

AutoChart

AutoChart is an AutoCAD extension that automates the production of North-Up and alignment sheets for both Hydrographic and Terrestrial data sets.

AutoChart helps achieve compressed delivery schedules by creating fully georeferenced multi-paneled charts in a fraction of the time taken using manual drafting techniques.

Chart Types

- Site Surveys
- Cable Route Surveys
- Pipeline Route Surveys (Prelay through to Inspection)
- Pipeline Route Engineering (Onshore & Offshore)
- EEZ Surveys
- Wind Farms

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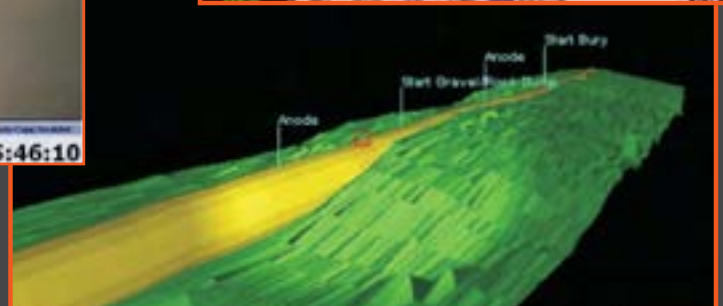
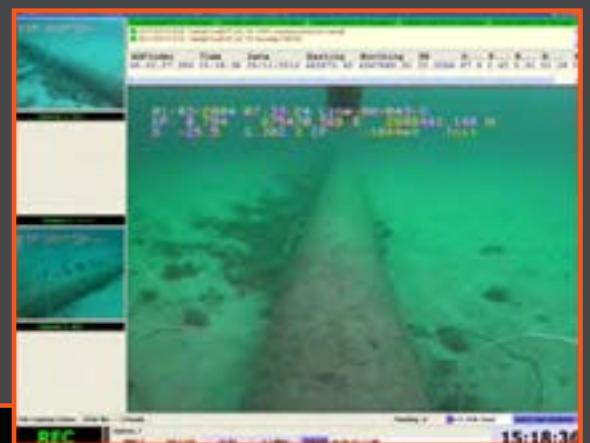
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VISUALSOFT

The VisualSoft Suite is a modular collection of applications to record, edit, archive, review and report digital video inspection data. It is designed for any type of video inspection where large volumes of video must be recorded from one or more cameras and synchronized along with other data sources. The suite of products caters for both structure and pipeline inspection with minimal configuration to change modes. The software has been integrated into most industry standard inspection packages (further details are available on request).

The key component of video inspection is the initial video encoding and has been designed to meet the requirements of all inspection and monitoring tasks. Automation is a key feature of, providing automated file management and distribution, relieving the operator of the burden of manually copying large quantities of video files.

The VisualSoft Suite is a world leader in subsea digital video inspection systems and has a proven track record in the offshore inspection survey market since 2001 with in excess of 600 operational systems worldwide. We provide a complete solution for digital video capture, playback, processing and reporting of pipeline, structural or other inspection survey data for the Offshore Oil and Gas Industry.



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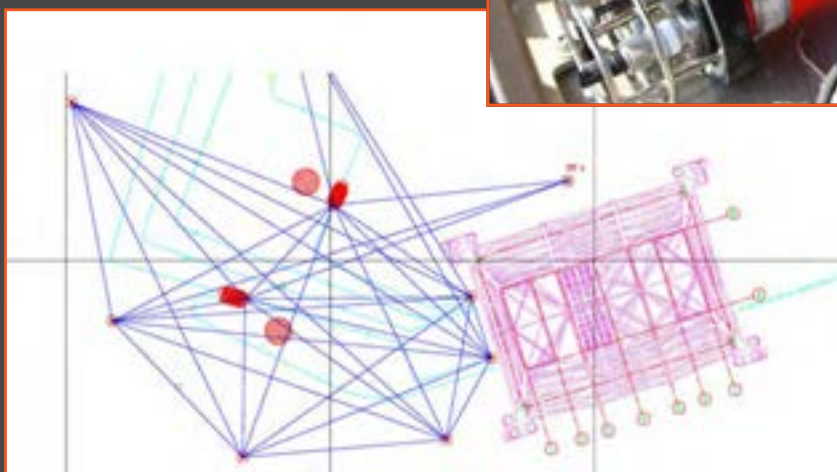
LBL & METROLOGY

INSTALL offers acoustic metrology services as a complete package from procedure study and editing, engineering and operations offshore. Our team is fully trained on the last generation Sonardyne 6G family and will give you complete support in all your operations .

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DAMS INSPECTION

Dam safety and Non destructive tests and debris management

Investigation / Performance assessment

Monitoring

Risk Management and recommendation



Inspections of dams and other vertical structures

Sub-meter accuracy with position quality indicator

Rapid set-up and calibration in any location in minutes

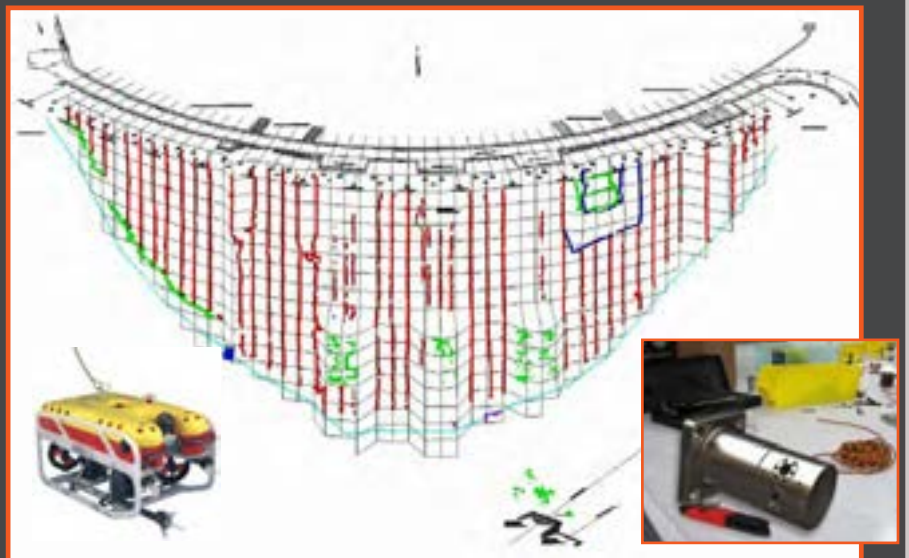
Uses any available dam plan, photo or diagram

Painting the dam's feature shows coverage as inspection progresses and fix relevant events for further replay or yearly inspections.

INSTALL dam inspection method is based on an underwater positioning system that's specifically optimized for the in-water inspection of vertical structures by ROV



**Crack Detection
and Measurement**



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RIG Move & BARGE Management System

Always improving RIG Positioning Services in Ultra deep water



Development of Innovative Methods



3D Visualization

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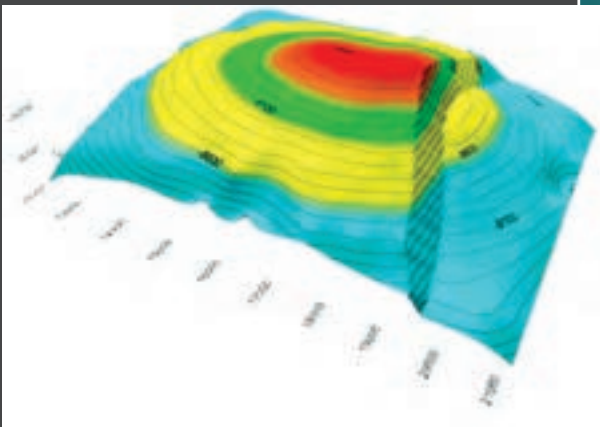
RAPIDLY CREATE GEO-REFERENCED ORTHOMOSAICS & 3D MODELS



We can capture images with a ground resolution of 3 to 30 cm per pixel
Areas from 1.5 to 10 KM2 can be mapped in a single flight depending on image resolution and flight altitude.

INSTALL system includes Postflight Terra 3D (a fully automated 3D processing desktop software powered by Pix4D).

Terra 3D automatically creates a precise geo-referenced orthomosaic and digital elevation model (DEM)



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MULTI ROLE UNMANNED SURFACE VEICHLE

Unmanned Veichle utilises solar, wind power and a compact diesel generator to fulfil long-endurance requirements otherwise unachievable through fuel alone. The unmanned catamaran design can be used for a variety of applications both Military and Commercial.

Key Features

Solar and wind powered to provide endurance up to 3 months.
Diesel powered when needed: 100 litre capacity spread over two tanks providing ~30 day endurance at 3.5 knots.
Self-righting mast and folding keel.
Lightweight and durable bow fender

Applications

Marine construction survey: USBL, C-Nav DGNSS, ADCP, CDT.
Wind farm bird observation.
Metocean data collection: ADCP, weather station, CDT.
Environmental: Passive Acoustic Monitoring (PAM), hydrocarbon detection, skimmers, dispersants.
Seismic support: CDT, USBL, PAM, ADCP.
Site survey: multibeam sonar, motion sensors, CTD, sidescan sonar, observation class ROV.
Port Security: cameras, video, infrared sensors.
ASW
Anti-Mine/Torpedo Defence
Security and Situational Awareness



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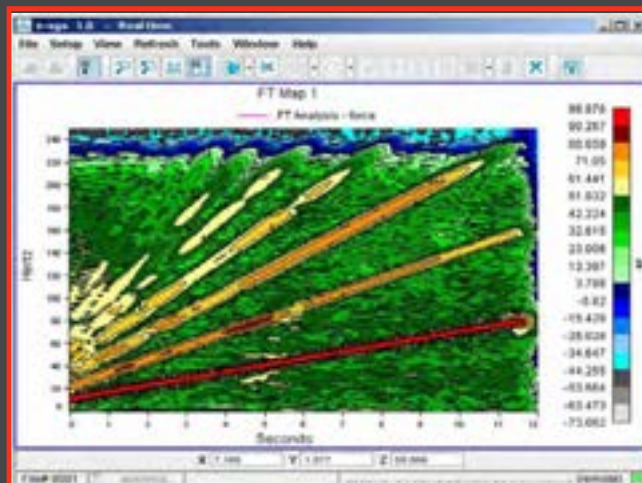
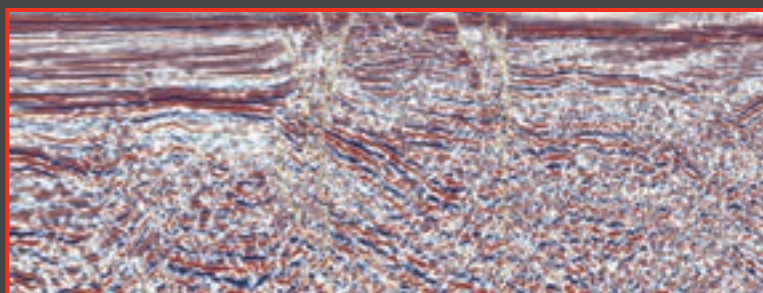
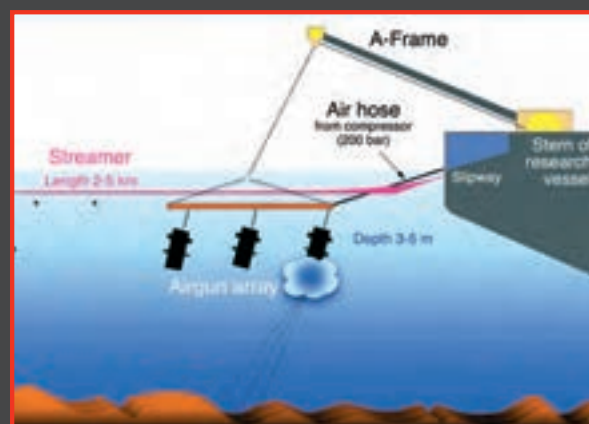
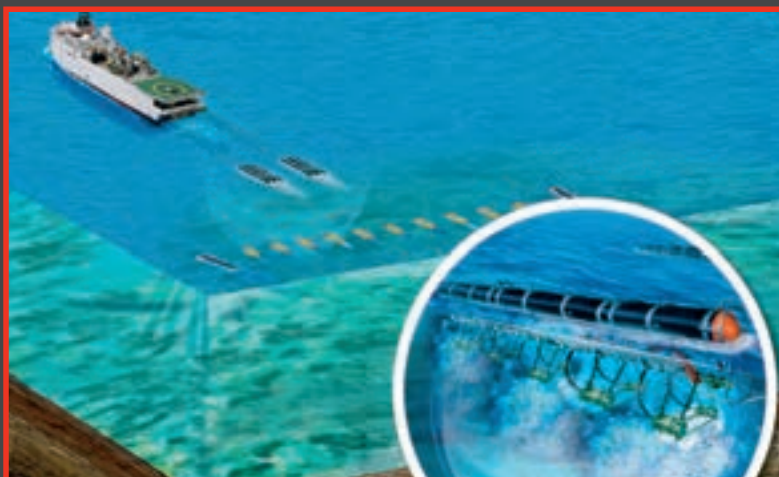
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Multi Channel Seismic

Install offer specialized personnel and high profile equipment for multi channel seismic data acquisition. Combining the multi channel seismic data with other geophysical data from multibeam echosounder, side scan sonar and sub-bottom profiler can be identify any potential geohazards such as faulting in the shallow section, migration path for hydrocarbons and shallow gas accumulation.

The configuration of multi-channel seismic acquisition system is determined by the environmental characteristics and project requirements, but typically consist of mini-airgun or sparker source, 24 or 48 channel streamer with 3.125m or 6.125m spacing with data recorder GEODES or Sercel.



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INSTALL • Academy

Offshore Survey Technical Course

The INSTALL training ACADEMY offers a complete range of courses for many survey variants. Ground courses are conducted using traditional instructor led classroom training methods, making full use of state-of-the-art training technologies and teaching methodologies

INSTALL ACADEMY has considerable experience in training personnel from a variety of backgrounds and with different entry level qualifications to successfully operate in offshore survey.

Our goal is to have all elements of the company working together in a cohesive and effective way to support all our customers.

INSTALL ACADEMY level 3 training courses respond to a need for graduates to study certain survey subjects in greater depth, as well as serving as refresher or requalification courses for those already employed.

Courses last a maximum of one month and are accessible to university graduates.

Through strategic alliance with leading offshore suppliers companies and Universities, the combined INSTALL training system and its partners bring best-in-class competencies.

At your arrival in Install Academy:

After your preselection, you'll be introduced to your Tutor. You'll visit the company and getting acquainted with the Team, the training program and calendar will be divulged.

Time: Monday - Friday 09.00 AM - 16:00 PM

Coffe Break and lunch Install accounted

After INSTALL Academy

At completion of the training period you'll receive a certificate, demonstrating that you've followed with Excellency the INSTALL full training



Join us at:

Corso Umberto I, 90

Monte di Procida , Naples, Italy

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academy@install srl.it



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ROV & DIVER TRACKER

The Tracker is a powerful tool aimed at providing accurate position information of underwater assets. Through its personal computer interface, it can be easily configured to work in two basic configurations:

ROV Tracker

In this configuration the tracker is connected to either a tethered underwater platform or a diver through the umbilical cable and transmits to a surface based computer real time position information with reference to a chart or relative to the mother ship's position.

DIVER Tracker

In this configuration the tracker is carried underwater by a diver (or any other non-tethered platform) and it stores into an internal memory all position information and any relevant point of interest marked by the operator.

Once merged, all collected information can be downloaded and displayed in a personal computer.

In both modes of operation the tracker performs an inertial navigation, initiated by GPS fixes at the surface and continued with DVL aided dead reckoning. Thus, the tracker can be used fully independent and without the need of any LBL/USBL system. Such system, however, can be integrated with the tracker for providing more accurate long term position information.

The tracker displays all position information with reference to the underlying bathymetry. Bottom depth data can also be post processed to provide bathymetry maps associated with the acquired tracks.

in collaboration with:
STUDIO ING. BANFI sas
www.rovtracker.com



APPLICATIONS

Shallow Water ROV Navigation
Map Missions
Divers Navigation
Military Applications
Boosting Small ROV Capabilities
Geo-Referencing Data Collection



KEY FEATURES

Two Versions
Horizontal or vertical mount for installation onboard any platform
No Weight in water and no integration effort required
Immediate and easy to use
User - Friendly SW Interface



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MARITIME ARCHEOLOGY

Explore your ancient roots from their deeper side



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A scenic view of a fjord in Norway. In the foreground, a wooden pier extends from the right side into the calm water. In the middle ground, a large, rectangular aquaculture cage system is visible, consisting of several interconnected metal frames. The water is still, reflecting the sky and the surrounding landscape. In the background, steep, snow-capped mountains rise from the water's edge, their peaks partially shrouded in mist or low clouds. The sky is a clear, pale blue. The overall atmosphere is peaceful and serene.

