

USING UAS TECHNOLOGY IN OIL, GAS, ENERGY AND UTILITIES

THE ARRIVAL OF PROVEN
UNMANNED AIRCRAFT
SYSTEM TECHNOLOGY IS AN
EXTRAORDINARY BOON FOR OIL
& GAS, ENERGY AND UTILITIES
BUSINESSES.

The arrival of proven UAS (unmanned aircraft system - or drone) technology is an extraordinary boon for Oil & Gas, Energy and Utilities businesses.

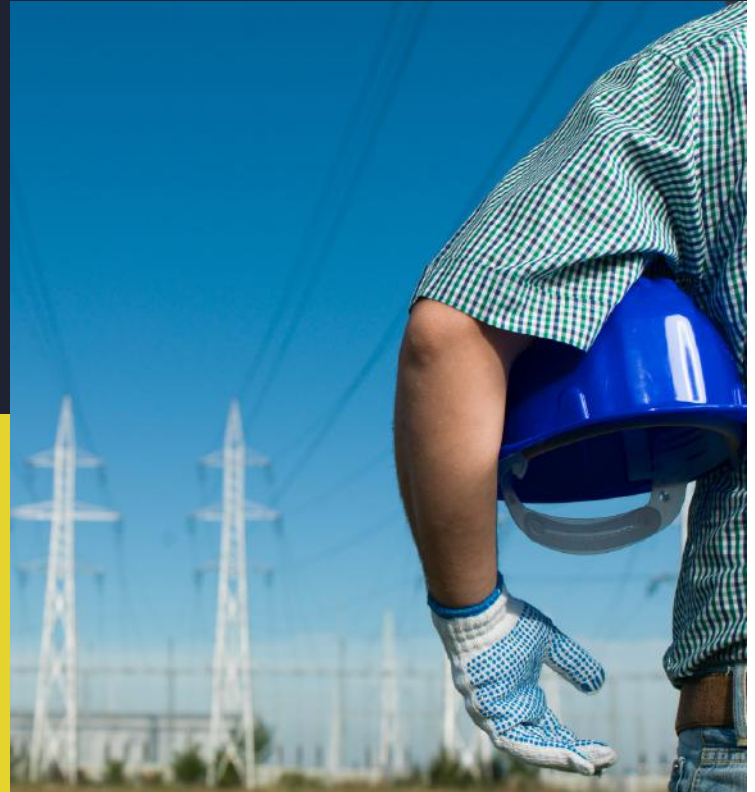
There are many potential use cases across research & development, training, marketing and project management - but the inspection of vital infrastructure is where many companies will reap the biggest rewards.

Implemented properly, UAS technology brings together the key benefits of common inspection methods like low-level helicopter flights and first-hand human data collection, while shedding most of the associated risk, cost and time demands.

CONSORTIQ WILL HELP YOU CAPITALIZE

UAS technology is more widely available now than it's ever been, but proper commercial use requires you to go far beyond just buying, unboxing and taking flight.

Before anything, it's vital to understand exactly how UAS can benefit your organization. What data can this equipment help you collect, and what kind of value does that information have for your business? You may already have access to this data through methods with higher costs, longer lead times and more corporate risk - so where can a UAS deliver a



better return on your investment?

Answering questions like these will help you to define an achievable objective, and that's the first big step in successful UAS implementation.

You'll then need the skills, capabilities and supporting processes to proceed safely, efficiently and legally.

These are daunting ideas but they're well worth navigating properly - and that's why Consortiq exists.

We are market leaders in providing custom UAS training and consultancy services for businesses in the Oil & Gas, Energy and Utilities sectors. With our help, the incredible transformational effect of drones on your business is easily achievable.

OUR APPROACH TO TRAINING

Consortiq represents the highest standard in UAS training, having been at the forefront of the industry since regulations began taking shape around 2014.

Our goal as a training provider is to equip your business and its employees with the skills and knowledge necessary to use these technologies safely, effectively and legally.

We also realize that not all users are the same.

Our training services explore applications and skills relevant to the needs of your business. So, whether you're focused on inspections, research or something else entirely, we can make sure you're ready, confident, and fully compliant.

OUR APPROACH TO CONSULTANCY

With years of experience in UAS and aviation in general, we're perfectly placed to help you harness the full power of these technologies. We do that by applying our knowledge to your business needs.

The aim of our consultation service is to turn your objectives into a scalable and reliable UAS operation. To achieve that, we'll produce a report that explores potential use cases and recommends the best next steps for your organization's UAS implementation program.


Typically this report will address:

- Your company's risk profile, and how to manage any additional risk posed by a UAS operation
- The most effective way to integrate a UAS program and drive maximum adoption
- Your expectations for the program and any areas where these may need to be tweaked to be achievable
- Your company's culture and attitude to safety, and how this lends itself to UAS operations
- With these factors carefully considered and explored, we're ready to deliver the perfect custom implementation program for your organization.



A large US energy provider came to Consortiq looking for expert UAS training, with a clear idea of what it wanted to achieve.

An initial needs analysis helped us fully understand the requirements, and we proceeded with checklist and flight-management training, as well as practical flight training. This allowed the client to achieve its goal of building a safe system of work for its power infrastructure inspections, minimizing time spent working at height to reduce operator risk and maximizing recorded data.



AN EXAMPLE
OF WHAT WE
CAN DO

We recently explored the potential for UAS to be used by Inter-America Development Bank clients in South America for major utility providers. With the primary goal of saving these companies time and money, we worked on-site to fully understand their requirements and challenges before presenting our findings to the relevant stakeholders.

The year-long project covered, in detail aspects like potential barriers, legal considerations, suitable equipment and recommended next steps. With this information and Consortiq's expert guidance, the client was ready to move forward with confidence.

MORE REASONS TO TRUST CONSORTIQ

As well as being a Civil Aviation Authority (CAA) Recognized Assessment Entity (RAE) and an AUVSI Top Level 3 Organization, we're more experienced than most in our industry.

Some reassurance for you:

- We have a training team of over 20 instructors, who together have trained more than 1,800 candidates
- We're one of five training companies in the United States certified as a Trusted Operator Program (TOP) 3 Training Provider via the Association for Unmanned Vehicle Systems International (AUVSI)
- We've delivered UAS consultancy to industry regulators, airline holding companies and national health & safety executives (HSEs)

Some of our current and previous roles in the industry and contribution to regulatory development:

- National Association of Tower Erectors (NATE) sUAS Subcommittee(USA)
- American National Standards Institute (ANSI) UASSC Working Group (USA)
- Dept of Business, Energy and Industrial Strategy (BEIS) Drone Industry Action Group (UK)
- Oil and Gas Standards (UK)

CONSORTIQ
BY THE
NUMBERS

20+

UAS instructors

1,800+

Candidates trained

1 of 5

Certified AUVSI TOP 3
Training Providers

LET'S TALK...

If you'd like to talk to us about what unmanned aircraft technology could do for your organization, we'd love to hear from you. Whether you have plans in motion or are just curious to find out more, we'd be happy to discuss your needs and potential opportunities.

Pick up the phone or drop us message:

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