



Introducing the world premiere of
NIDO® – Unmanned Box System,
the first integrated ecosystem for the remote operation
of autonomous drone fleets.



Now there are drones that fly without the need for a pilot to be physically present in the vicinity of the aircraft, as the pilot can control all the functions of the drone from a remote operations room even hundreds of kilometres away.

TREVISO, 22 MAR 2022 – **UST Italia** is pleased to present the world premiere of **NIDO® Unmanned Box System**, the first integrated ecosystem for remote operation (BVLOS) of autonomous drone fleets.



Revolutionary and innovative, the NIDO® system allows a drone to be flown without the need for a pilot to be physically present in the vicinity of the aircraft, as the pilot controls all the drone's functions from a remote operations room even located hundreds of kilometres away.

Thanks to NIDO®, it will be possible to check the state of maintenance of roads and railways, monitor the safety perimeters of industrial and production plants, monitor the state of health of agricultural crops, from kilometres away in complete safety and in compliance with current regulations, after obtaining the necessary authorisations from ENAC/EASA

NIDO® Italian excellence at the service of humankind

NIDO® consists of the Hangar, the heart of the system, an interconnected box that guarantees optimal environmental conditions, rapid recharging and a robust and high-performance datalink; a multi-rotor drone or VTOL aircraft equipped with different types of sensors for image and data acquisition; and a cloud-based software platform that provides BVLOS command & control functions from a remote operations room, data management and real-time or post-processing AI analysis.

Daniele Mion, CEO of UST Italia: "UST Italia was founded in Treviso in 2015 from an idea of the five founding members. When the entire drone market revolved around the production of increasingly high-performance drones, UST Italia followed a different path, aiming to be the first network of certified pilots, focused on providing innovative, validated and robust services and solutions. **NIDO® is the synthesis of all this, starting with the design, which stems from the need to create a hangar to house the drone when it is not in use that is not only weatherproof but also innovative and technologically advanced, capable of combining form and function.**"

NIDO® Beautiful. Functional. Futuristic. Italian

NIDO® – Unmanned Box System is the result of two and a half years of research and development. Simple in shape, the sphere as a soft, resilient and at the same time solid shape, the two partners who created the NIDO® shape, CEO Daniele Mion and Designer Marco Luitprandi, envisioned a container for the drone that would be beautiful, functional, futuristic and Italian.

Marco Luitprandi, UST Italia designer: "The guidelines for designing NIDO® were technology, design and functionality. For the form, we were inspired by a futuristic iconology. The concept was then developed, designed, prototyped and manufactured in UST Italia's R&D laboratory, thanks to the tireless work of our CFO Alessandro Pegoraro and engineer Giacomo Cavasin".

NIDO® From an innovative idea, an innovative solution for smart, sustainable mobility, ready for the future

Designed for engineering, mobility, renewable energy and safety, **NIDO® will soon be supporting CAV Concessioni Autostradali Venete spa in monitoring and ensuring the safety**



of motorists along the CAV Concessioni Autostradali Venete network as part of the SkyTraffic system trial.

The first model has already flown at the presentation of the CAV E-roads project, technology at the service of safety, traffic fluidity and the environment, on Friday, 18 March, at VeronaFiere as part of the first edition of LET EXPO, the first and largest exhibition in Italy dedicated to sustainable transport and logistics.

About us

UST Italia offers companies the possibility of innovative solutions by providing fleets of drones, at any place and at any time, for multiple sectors of intervention, industrial and agricultural, guaranteeing robust drones, repeatability and speed at the highest levels in all the solutions proposed. **UST Italia** firmly believes that the only way to achieve its objectives is through Research & Development, which allows the acquisition of new solutions, the design and development of new operating protocols and systems that, once tested, will become new services and products to be made available to its customers, offering companies the opportunity to have innovative solutions developed ad hoc and in their own workshops. **UST Italia** uses standardised and interchangeable remotely piloted drones, operated by ENAC-certified pilots and internally trained in courses held by the UST Italia Training Centre and CED.



www.nido-system.com
www.facebook.com/UST.Italia/
www.linkedin.com/company/ust-italia
www.instagram.com/ust_italia

For interviews on NIDO or other UST fleet drones,
please contact our Press Office.

maria@mariaguidotti.com
M. 335/6007774

press@studiobergonzini.com
M. 366/4532310



UST Italia Srls Via Gaia da Camino 7, 31100 Treviso (TV)
www.ust-italia.com / info@ust-italia.com / +39 042 2260937 / p.iva 04769580269