

DRONIQ FOR FLIGHT



FIRE SERVICE INSTITUTE NRW THEORY & PRACTICAL TRAINING AT THE FIRE TRAINING FACILITY

THE OBJECTIVE The Fire Service Institute for North Rhine-Westphalia (IdF NRW) in Münster, Germany, is the central facility for the training of firefighters and members of the crisis management services in the German State of North Rhine-Westphalia. With a staff of about 170 employees, it is the largest fire brigade training institution in Germany. Drones are increasingly being used by fire brigades, to detect embers or to document their own call-outs, for example. In order to integrate drones into the standard operations of fire brigades in North Rhine-Westphalia, the Fire Services Institute wanted to train staff members from different areas both for the proof-of-knowledge exam required by German law as well as in the practical handling of drones. The Institute issued a public tender for this training in November 2019. Droniq was awarded the contract.

2 DAYS TRAINING

THEORY & PRACTICAL TRAINING

TAILORED TO THE NEEDS
OF EMERGENCY SERVICES

USE OF DRONIQ'S FLEET OF DRONES

PROOF-OF-KNOWLEDGE EXAM
REQUIRED BY GERMAN LAW



THE IMPLEMENTATION In January 2020, the experts from Droniq held a two-day training course at the Institute's facility in Münster. This consisted of a theory block covering air law, including the special features of drone use for the emergency services and those involved with public safety, flight operations and navigation, data protection and copyright as well as the technology of a multicopter. On the second day, the participants were able to test their flying skills. After an introduction to flight planning and preparation, the Institute's staff members flew a range of aircraft on a set flight programme. The participants also passed the proof-of-knowledge exam required by German law.

OUR CONTRIBUTION The experts at Droniq are proven professionals from the field of manned aviation. They trained the Institute's staff in a classroom course to pass the proof-of-knowledge exam required by German law. This course is specially designed to meet the requirements for UAS operations in the emergency services and is based on the recommendations of the German Federal Office for Civil Protection and Disaster Assistance (BBK). In the practical part of this training course, Droniq's fleet of aircraft were used. The participants flew a standardised flight programme on the Institute's grounds. This allowed the skills of the pilots to be assessed using the same evaluation criteria and verified that they were able to handle standard and emergency procedures safely.