

Kazakhstan

- **Kazakhstan Experiments with Surveillance Technology to Battle Coronavirus Pandemic**

The Kazakhstani Ministries of Health and Internal Affairs have partially turned to technological solutions to confront the coronavirus outbreak. The health ministry has required the 8,000 or so Kazakhstani citizens currently under quarantine to use the SmartAstana tracking app, which allows officials to guarantee these individuals remain in isolation. Whereas, the interior ministry is relying on “Sergek” video surveillance technology, produced by the local telecommunications firm Korkem Telecom, to find violators of the quarantine regime in Almaty. So far, these two cases are the only examples of the government employing new surveillance technologies as anti-pandemic tools.



Ref: <https://jamestown.org/program/kazakhstan-experiments-with-surveillance-technology-to-battle-coronavirus-pandemic/>

- **Kazakhstan uses drones to patrol capital city during COVID-19 lockdown**



KazUAV drone takes off to monitor the borders of the Kazakh capital of Nur-Sultan

KazUAV, Kazakhstan’s leading drone service provider and a member of Japan-based Terra Drone Corporation, has been working at the frontlines to keep communities safe amid the COVID-19 pandemic outbreak. Providing direct support to the operational headquarters set up to prevent the spread of coronavirus in Kazakhstan, KazUAV has been helping the Nur-Sultan Police Department to patrol

the borders of the locked-down capital city with drones, ensuring 'contactless' surveillance and fast-paced operations.

Using drone-mounted cameras with both visible and infrared sensors, the KazUAV team broadcast all captured data, as well as the exact coordinates of objects of interest, directly to the operational headquarters command center. This has led to the authorities discovering multiple bypass roads and irregularities in the locked-down area – without which, the quarantine measures could not have proven effective, day and night in the toughest of weather conditions.

Ref: <https://www.terra-drone.net/global/2020/04/09/kazakhstan-drones-patrol-coronavirus-covid-19-lockdown/>

- **Kazakhstan builds COVID-19 hospital in just two weeks**



The hospital in Nur-Sultan, assembled out of modular blocks using the technologies for constructing prefabricated buildings, is designed for 200 beds. [Twitter]

In only 13 days, Kazakhstan has built a new hospital for patients infected with coronavirus in the capital Nur-Sultan, a feat comparable only to what China achieved earlier this year.

The hospital, assembled out of modular blocks using the technologies for constructing prefabricated buildings, is designed for 200 beds and equipped with modern equipment to ensure the safety of medical staff and patients. According to the authorities, the hospital complies with all the standards of the World Health Organisation. The total area of the hospital is of 7,000 square metres and the funds for its construction – 5.5 billion tenge (€11.7 million) – were allocated from the national budget.

President Kassym-Jomart Tokayev visited the new hospital, met with with the hospital staff and examined the medical units and wards, equipped with all the necessary equipment for treating patients.

Ref: <https://www.euractiv.com/section/central-asia/news/kazakhstan-builds-covid-19-hospital-in-just-two-weeks/>

- **COVID-19: Kazakhstan's Defense Factories Switch to Make Medical Gear**



Since the start of the COVID-19 outbreak, prices for personal medical supplies have surged. Surgical masks have seen a sixfold increase, while N95 respirators have trebled and gowns have doubled.
/ Industry Europe

Defense factories in Kazakhstan have shifted manufacturing to support the production of medical equipment, including face masks and ventilators, to help fight the novel coronavirus pandemic. This week, the defense industry complex "Kazakhstan Engineering" began converting one of its aerospace plants in northern Kazakhstan to start making about two million masks. In addition, the plant, which now operates around the clock — three shifts a day, will manufacture portable ventilators for ambulances. The two other defense manufacturers, both located in Almaty, have pledged their support to make hazmat suits and sanitizers, while some defense factories have shifted manufacturing towards infrared thermometers and safety equipment.

Ref: <https://caspiannews.com/news-detail/covid-19-kazakhstans-defense-factories-switch-to-make-medical-gear-2020-4-4-56/>