

Uzbekistan

- **Construction of new 10,000-bed infectious diseases facility**

As part of an on-going nationwide effort to tackle the global coronavirus pandemic, Enter Engineering, the largest EPC contractor in Uzbekistan, has completed the first unit of what is planned as a 10,000-bed medical facility just outside Tashkent, in just five days. The state-commissioned project is being undertaken in collaboration with Uzbekistan Railways.



Construction of two new hospital complexes are being built in the Zangiota district of Tashkent (PRNewsfoto/Enter Engineering)

To prevent the further spread of the virus, two new hospital complexes are being built in the Zangiota district of Tashkent. The facility is designed both to treat virus-infected residents and to house Uzbekistan citizens returning home from abroad who require quarantine. Each complex will be able to accommodate 5,000 patients. Construction is taking place on a campus with a total area of 68 hectares. Each complex consists of five separate buildings, designed for 1,000 people each. The Tashkent facility is intended to be a permanent infectious diseases hospital. It is being designed for a service life of at least 25 years.

Ref: <https://www.prnewswire.com/news-releases/enter-engineering-helps-uzbekistan-combat-the-covid-19-virus-301044533.html>

- **Uzbekistan has produced the first Ventilator**



In June of this year, Uzbekistan released the first ventilator. Hi-tech medical equipment produced by the resident company of the special economic zone "Technopolis Moscow"- "Hirana+ "

The construction of a large-scale complex for the production of ventilators and anesthesia-breathing devices in Uzbekistan is supported and co-operated with the Ministry of innovative development, as well as with the Association of manufacturers of medical equipment.

In August 2020, the plant is scheduled to open and launch production with the goal of becoming strategically important for the entire Central Asian region.

According to officials more than \$ 8 million will be invested in this production and the presence of the company will create about 100 jobs.

The plant is expected to produce 100 ventilators by the end of the year. In the future, it is planned to increase the volume of production to 500 ventilators and 500 anesthesia and breathing devices per year.

Ref: <http://orasam.manas.edu.kg/index.php/en/uzbekistan-2/3446-uzbekistan-has-produced-the-first-ventilator>

- **Uzbekistan using Huawei cloud platform to fight COVID-19**

Huawei and Uzbektelecom, JSC deployed a video cloud platform for remote collaboration and education. Huawei recently worked with Uzbekistan Telecom, using the latter's existing bandwidth and data center resources, to quickly deploy the Huawei video cloud platform. The platform supports remote access across the country in diverse sectors, including Uzbekistan's government, its hospitals, as well as schools and enterprises.

The cloud videoconferencing platform can support more than 1000 concurrent video conferences, with further capacity expansion possible through simply adding more Virtual Machines (VMs). The platform also provides 10 Gbit/s ultra-large access bandwidth, to ensure that users across the country can have fast remote access to the resources they need. The video services have been implemented nationwide, helping to protect the country from the new coronavirus pandemic.



Telemedicine

Video conference communication has been quickly established between the "103" ER command center, the epidemic prevention center, the Uzbekistan research center, the Ministry of Health, and 16 hospitals. This enables remote collaboration between the

government and hospitals, improving diagnosis and treatment efficiency, and reducing infection risks.



Remote education

Huawei collaborated with the Ministry of School and Professional Education of Uzbekistan and was supported by TIIAME (Tashkent Institute of Irrigation and Agricultural Mechanization Engineers) in order to carry out distance education test runs and training, deploying the CloudLink Board solution in classrooms.

Ref: <https://e.huawei.com/en-sa/news/ebg/2020/huawei-cloud-platform-help-uzbekistan>

- **Uzbekistan to develop mobile app to trace contacts of confirmed Covid-19 cases**



Uzbekistan and South Korea have agreed on development of mobile app to trace contacts of people infected with COVID-19. In future it will be possible to trace where the patients were before hospitalization.

The Ministers also agreed to test vaccine against COVID-19. In April, the company Project Managers with support of the Ministry of Innovative Development developed the mobile app Birga Yengamiz (United We Overcome) to automatize the process of tracing patients' contacts. The app is able to identify individuals who contacted infected person during previous 14 days. Experts from Oxford University note that such apps will be effective only if 60% of population use them.

Ref: <https://www.for.kg/news-652894-en.html>