

Digital technology for Production Management and Security Monitoring



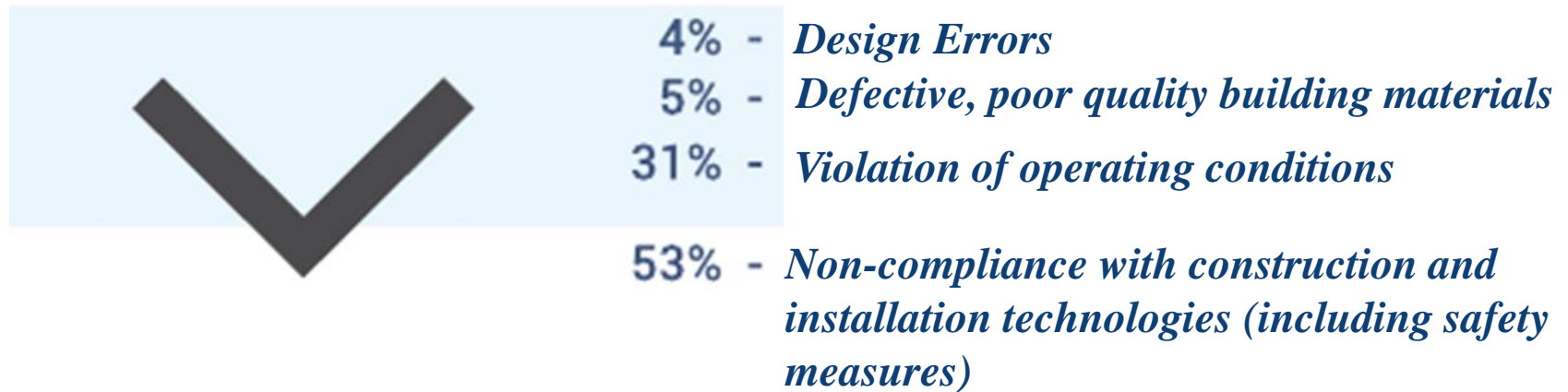


Production - the company is engaged in production of automated monitoring systems of buildings and structures on the basis of "AMS HT" hard and software complex and components of geotechnical sensors on the base of the European technologies.

Civil engineering - the company is involved into the supply, of installation and maintenance of automated monitoring systems for buildings and structures on the basis of the «AMS HT» hardware and software complex

Industrial engineering – the company is carrying out delivery, installation and service of the automated monitoring systems for buildings and constructions on the basis of the «AMS HT» hardware and software complex

Statistics of collapses of buildings and structures in the CIS countries (2012-2018)



The bridge collapses



Breakthrough of pipelines



The collapse of the mines



The building collapse



The HES collapse



The HPS collapse





EXPO-2017
Total area -75,000 sq m.
188 sensors were installed



«Forum Almaty» ETC
Total area -155,000 sq m
60 sensors were installed



«GREEN Quarter»
Total area 75,000 sq m
128 sensors were installed



Shymkent Plaza
Общая площадь 48 тыс.кв.м.
Установлено 48 шт. сенсоров



HOPS Kenkiyak
Total area 40,000 sq m
148 sensors were installed



SORP
Total area 60,000 sq m
148 sensors were installed



Indoor Pool in Taldy-Qorgan
Total area 27,000 sq m
148 sensors were installed



« AMS HT Viewer» automated
monitoring systems programme of
visualization and analysis of indications



Allowance
For «AMS HT» usage



III category license for Construction
and installation works of LLP «High
Tech XXI »



Jekpe-Jek Palace
Total area 75,000 sq m
188 sensors were installed



During 2017-2018 years period successful tests were carried out on the application of «AMS HT» software and hardware complex within the monitoring of temperature-stress state in rail lashes with a length of 800-1600 metres as part of the working group of JSC "NC KTZ" and LLP "High tech XXI» engineers



Our experts together with TheKazMIIR Institute in 2017conducted successful tests on the use of geotechnical sensors for partial unloading of covered sheds of blocks C1-C2 of the international specialized exhibition EXPO-2017» for the first time.



In 2019 joint laboratory tests of the automated monitoring system for pressure vessels of leakage of chemical liquids and gases are carried out.



In 2019 joint works are underway to introduce automated monitoring systems of oil and gas pipelines and wells as part of the Digitalization program..



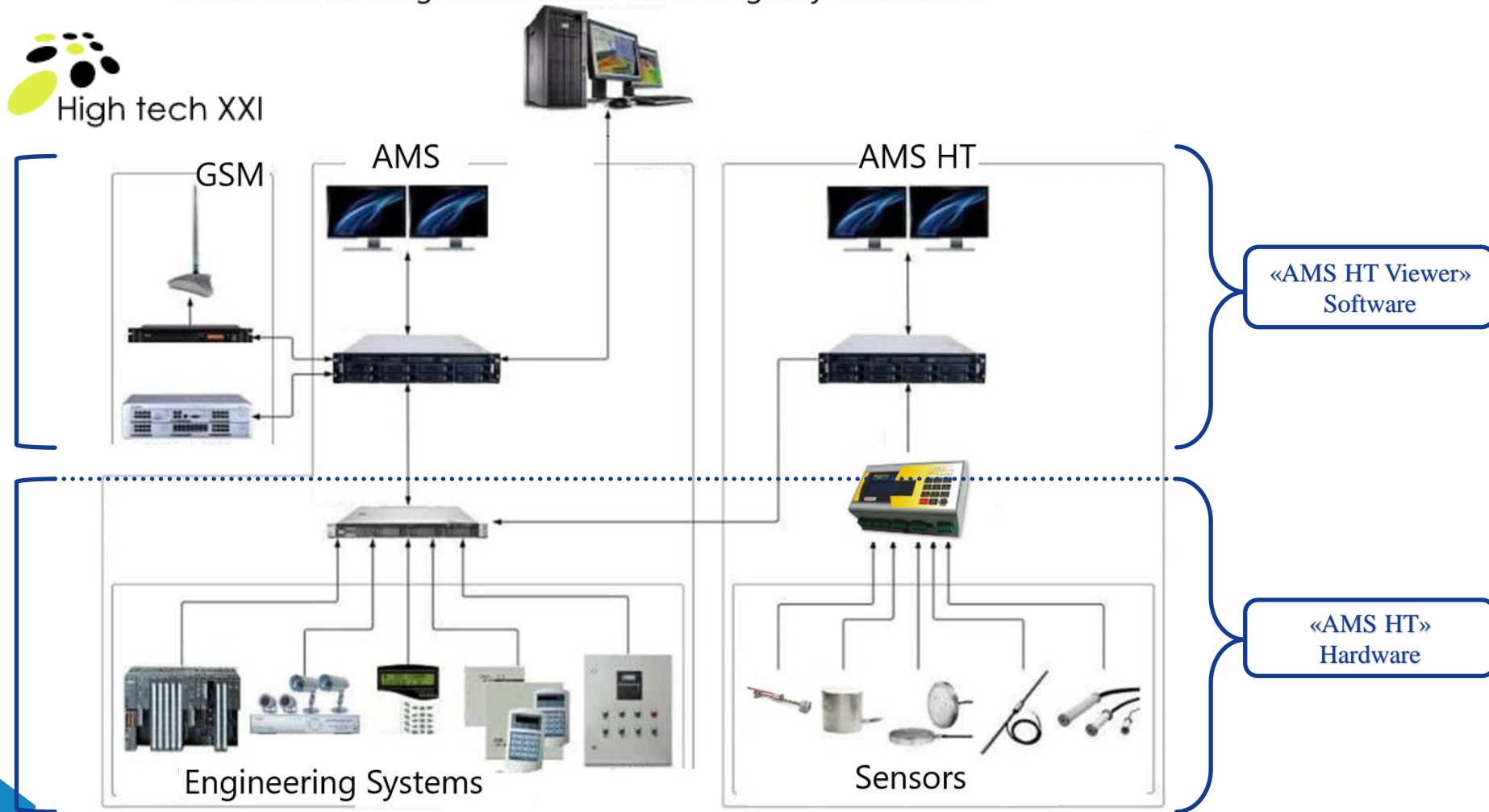
Earth System - the company produces 1.5 thousand titles of geotechnical sensors and data recorders. In turn, in 2016 LLP "High Tech XXI" adapted technical documentation, certified «AMS HT» joint product hardware and software complex and entered into the State Register of measuring instruments of the Republic of Kazakhstan



Certificate for «AMS HT» automated monitoring system



Unified Monitoring Center under the Emergency Committee



Local content



High tech XXI

«LOCAL CONTENT»



«AMS HT»
Software



«AMS HT»
Hardware



LAB HT

Measures of support



Ministry of Power Energy
of Republic of Kazakhstan



«Samryk Kazyna»
projects



Road map
of engineering










Aim

Off take, master contracts
3-5 лет

Off take contracts
3-5 years

OEM localization for 50
positions of 30 leading
brands

«Samryk Kazyna» profiles

<i>Title</i>	<i>Objects</i>	<i>Type of product</i>
	<i>Buildings and structures, stadiums, shopping centers, living constructions</i>	<i>Software and hardware complexes</i>
	<i>Buildings and structures, refineries, oil and gas pipelines, HORS</i>	<i>Software and hardware complexes</i>
	<i>Hydropower station, thermal electric station, thermal power plants, wind farms, mines.</i>	<i>Software and hardware complexes</i>
	<i>Mining and processing plant, mines</i>	<i>Software and hardware complexes</i>
	<i>Buildings and structures, railway tracks, bridges</i>	<i>Software and hardware complexes</i>
	<i>Communication facilities</i>	<i>Software and hardware complexes</i>
	<i>Mines, warehouses, structures, mines</i>	<i>Software and hardware complexes</i>
	<i>Facilities, substations</i>	<i>Software and hardware complexes</i>
	<i>Plants, factories, warehouses, Petrochemical plants</i>	<i>Software and hardware complexes</i>

Наши партнеры

