RUSSOFT Smart City Committee Solutions

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SOLUTION	APPLICATION	DESCRIPTION	PROVIDER	DETAILS
Inventory	Housing and Public Utilities	Carrying out work on the inventory of the territory, identifying self-captures, registry errors, clarifying the boundaries of plots, identifying illegally occupied sites. The obtained materials will allow to carry out municipal and state land supervision, state monitoring of land, and can be used to perform complex cadastral works, with a significant reduction in their cost. As well as increase revenues to the city's budget (by increasing the tax base + fines for illegal use of storage devices)	Geoscan	https://www.geoscan.aero/en
Predictive maintenance for water treatment	Housing and Public Utilities, Ecology	Specifically created for water treatment facilities and systems leveraging the best of computer vision with AI power support. It clarifies: how often and why does the water treatment system work improperly, what budget will be required for the service in the next period, how many service engineers will be sufficient to carry out quality service.	ASRP.TECH/ BETA	https://asrp.tech/machine-vision-for-industrial-filters
DATUM GIS	Housing and Public Utilities, Energy	Integration platform with a GIS component for visualizing data from different systems.	DATUM Soft	https://datum-soft.ru/projects/datum-gis/
Hotline	Housing and Public Utilities, Energy	The solution is designed to improve the efficiency of repair work and use of water utility vehicles through the creation of a single information space.	DATUM Soft	https://datum-soft.ru/projects/sistema-registratsii-avariynykh
Digital copy of the territory	Housing and Public Utilities, Energy	A digital copy of the territory is a modern tool for urban planning, the basis of a "smart city". The 3D model allows you to make effective planning decisions and hold public hearings. Publishing a 3D model on the geoportal will increase the investment and tourist attractiveness of the region.	Geoscan	https://www.geoscan.aero/en/services/3D_city_model
Biometric identification	Housing and Public Utilities, Energy	The fingerprint identification system allows you to control the technical staff of management companies, which consists of 90% of CIS citizens. The system was implemented in the Capital-invest management company, Moscow	Sonda Pro	http://sonda.pro/en/
Monitoring system for the operation of municipal equipment	Housing and Public Utilities, Energy	A solution using computer vision and machine learning technologies allows you to track the exit to the route of equipment by its state license plate and the external features of each individual unit of equipment, as well as its work based on the existing (and development) system of city cameras.	Statanly Technologies	https://cv.statanly.com/
Thermal imaging monitoring	Energy	Monitoring of heat leaks, inspection of heating lines and pipelines, environmental monitoring. Drawing up a detailed thermal imaging map allows you to identify damage to the pipeline, monitor the performance of work by the contractor and as a result significantly reduce heat loss (i.e. budgets)	Geoscan	https://www.geoscan.aero/en/services/teplovizor
Smart Construction Control	Safety, Construction	A real-time report of personnel and machinery on site, actual supplies of materials. Control of the construction expenses, both planned and actual. Reducing project delivery time by 15% Minimization and prediction of accidents on site.	ASRP.TECH/ BETA	https://youtu.be/7t8ah95bKr0 https://youtu.be/exJYSQY3Cm8
City monitoring system	Public security	Real-time video analytical monitoring system of public security. It collects, analyzes and transmits information on potential threats of terrorist acts, suspicious movement of vehicles, possible offenses against citizens, public and private property to city services.	ASRP.TECH/ BETA	https://asrp.tech/city-monitoring-system
CoordCom	Public security	CoordCom is an intelligent platform for building emergency response systems and solving problems of receiving and processing calls, dispatching, interagency coordination and interaction in 112 systems and the "Safe city" agro-industrial complex"	Sfera	https://sphaera.ru/en/#solutions
CoordCom SC	Public security	The "CoordCom-SC" software platform is designed to automate the processes of supporting management decision-making by senior officials and management bodies of large organizational units (constituent entities, Federal ministries and departments, large corporations), as well as other employees involved in the preparation of management decisions: members of collegial bodies, analysts, and experts.	Sfera	https://sphaera.ru/en/#solutions
AI for monitoring the use of face masks	Public security	Cloud AI solution for monitoring the use of medical face masks. The solutions allows to control statistics of usage of medical masks in real-time, It based on modern machine learning algorithms which analyse frames from CCTV cameras and caclculate the number of humand detections that use masks in the right way and the number of people that used masks in a wrong way (or not use at all). After that the service calculates detailed statistics for any number of cameras connected to the system. The silution can be integrated within a day and allows to use existing video surveillance cameras.	CVisionLab	https://masksdetection.com
Monitoring of compliance with safety regulations	Public security	Artificial intelligence-based solutions allow you to determine compliance with the mask regime, the use of helmets and other special equipment, the possibility of an emergency at production and equipment shutdown	Statanly Technologies	https://cv.statanly.com/ https://statanly.com/

Name	Sector	Description	Company	Link
Automated traffic control system	Transport	Centralization of traffic management and payment system with the ability to scale solutions. Functions: Monitoring and control of equipment on the toll road. Creating a system of multifactor identification and classification of vehicles. Implementation of billing and processing for automatic generation of charges and carrying out various types of payment. Analysis of the economic efficiency of tariffs.	ASRP.TECH	https://asrp.tech/automated-traffic-control-system
Intelligent transport system	Transport	Intelligent transport system (ITS) is the integration of modern information and communication technologies and automation tools with transport infrastructure, vehicles and users, aimed at improving the safety and efficiency of the transport process. The system solves such problems as: traffic jams and congestion caused by the growth of motorization of the population; problems of insufficient safety of pedestrians and other road users.	CodeInside	https://codeinside.ru/
Agro-industrial complex "Smart Parking"	Transport	Hardware and software complex for monitoring and managing public paid Parking lots of municipalities and commercial organizations, as well as a web portal and mobile application for easy and convenient use of Parking lots by drivers. Our system will allow you to organize open paid Parking, by using photo and video cameras at the entrance and exit to recognize cars, vehicle data and Parking spaces. The main goal of this project is to unload the road network.	CodeInside	https://codeinside.ru/
RAIDIX 4.X for video surveillance	Transport, telecom, healthcare, manufacturing, retail	Software-defined storage system RAIDIX allows you to create productive solutions for large and small video surveillance projects.	Raidix	https://www.raidix.com/solutions/video-surveillance/
PROMT Analyzer	Education, communication	Text-based intelligent Analytics of unstructured data in different languages.	PROMT	https://www.promt.com/translation_software/corporate/promt-
PROMT Neural Translaton Server	Education, communication	Translation system based on AI	PROMT	https://www.promt.com/translation_software/corporate/promt-
PROMT Mobile SDK	Education, communication	System for integration into mobile apps	PROMT	https://www.promt.com/company/success/fpk/
Biometric access control system	Education	The system allows you to increase the level of security, to refuse cards that students constantly lose. The system is implemented in more than 100 schools in the Russian Federation. The dormitories of the South Ural state University control the residence of students, including foreign students.	Sonda Pro	http://sonda.pro/en/
Searchinform Kib	Information security	Solution for protecting against information leaks, investigating information security incidents, and preventing fraud	Searchinform	https://searchinform.com/products/searchinform-dlp/
Searchinform PROFILECENTER	Information security	Automated profiling, classification of personality characteristics based on the analysis of their correspondence	Searchinform	https://searchinform.com/products/profilecenter/
Searchinform FILEAUDITOR	Information security	File system audit, automated classification, control of operations with sensitive data	Searchinform	https://searchinform.com/products/searchinform-
Recommender system for tourists	Tourism	Based on impersonal data (age, gender, nationality, etc) selects places that will most interest specific tourists	Statanly Technologies	https://statanly.com/
CubixBM	Finance	Cubix Business Modeler platform (CUBIX BM) is a high-performance 64-bit information and analytical platform.	Axilon Consulting	https://en.cubixbm.net/
DWDM equipment	Telecom	We develop and manufacture a line of DWDM equipment with channel speed up to 600 Gbit/s.	T8	t8.ru