ARKHE GOVERNANCE

atech
GRUPO EMBRAER

AN EMBRAER COMPANY, ATECH DEVELOPED THE ARKHE GOVERNANCE, FOCUSED ON GOVERNANCE TECHNOLOGY AND CITY MANAGEMENT

Developed by Atech, Arkhe Governance assures a secure data communication, for monitoring, in real time, events, issues and alerts, improving the situational awareness, leading to better results in decision making. The solution, based on 100% national technology, incorporates the most advanced concepts of integrations, modularity, internet of Things (IOT) and data analysis.

The solution is based on the integration of different sensor, IOT systems and equipment as well as of legacy data. It produces more reliable and updated information, optimizing city resources allocation. Through secured information sharing processes, support citizens collaborative participation, in the decision making. The adopted technology promotes a public management environment, with complete transparency on performed actions.

by Atech arkhe
INTEGRATED SYSTEMS

INTEGRATE

SENSORS
SYSTEMS
EQUIPMENTS
CITY PORTALS
COMMUNICATION

VIEW

MAPS
DASHBOARDS
PORTALS
ALERTS AND EVENTS
AREAS OF INTEREST
CITY INFRASTRUCTURE
GEOREFERENCED DATA
MESSAGES
IMAGES AND VIDEOS
TRACKING
OTHERS

PROVIDE MORE INTELLIGENCE TO OPERATION

COMMAND AND CONTROL
SITUATIONAL AWARENESS
ANALYTICS

Smart Management: Integrates capabilities, technologies with Atech's experience

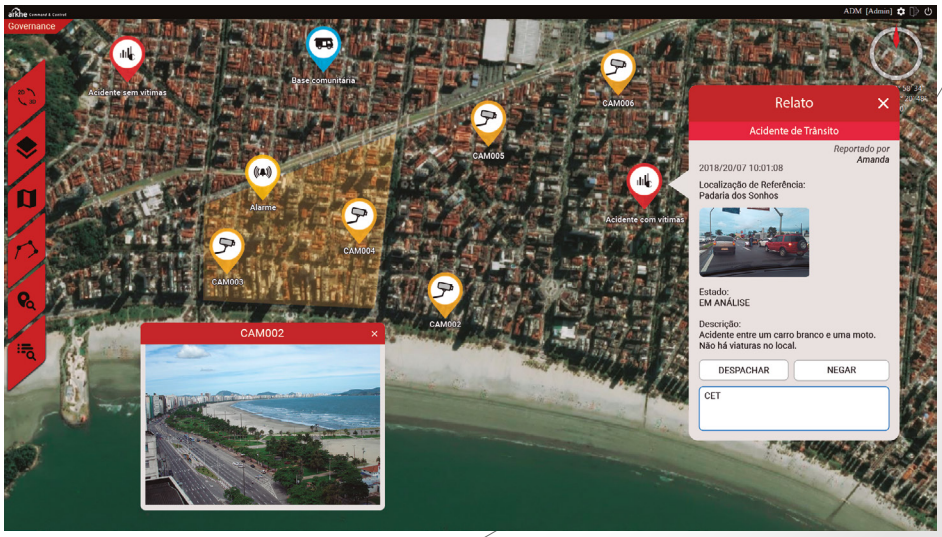
ARKHE Governance was designed to be used in Operations Center and Mobile Environments, empowering each public agent as a sensor, involved in routine actions as well as in emergency ones, providing videos, images, and general information, with high level of quality.

The employed technology allows the integration with legacy system and existing data bases. Its architecture makes possible cloud implementation "on-premises" , employing secure communication and assuring data integrity.

The modular and scalable architecture supports parametrization according to the characteristics and segments of interest of each city. A single and integrated interface concentrates all necessary information, expanding the observation capability and the situational awareness.

The employment of different visualization data layers, permits the correlation of the diverse data, used in monitoring and dispatching of each occurrence type. Using a georeferenced data environment, the operator could visualize in the same screen, maps, city infrastructures, vehicles tracking, IOT devices, and other real time information.

ARKHE Governance could be expanded with a Big Data Analytics module, enhancing its capacity to perform data analysis and processing, through data fusion and correlation actions, performed according to application parameters.



arkhe Command & Control

For additional information on ARKHE, contact us.

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