RegDigPilot Program

Digital Transformation for Local Government

Regina Analytics

Background

The Government of South Africa has identified that the fourth industrial revolution will have huge implications on the economy of South Africa. In January 2019, the South African Minister of Finance indicated that the country needs to prepare itself for the fourth industrial revolution and that the budget will include issues such as overhauling previously underprivileged schools and investment in digital and technological skills. In order to facilitate a plan of action, Government has established a commission to organize a 'national response action plan to deal with the fourth industrial revolution'. The President of South Africa has indicated that:

"Our prosperity as a nation depends on our ability to take full advantage of rapid technological change. This means that we urgently need to develop our capabilities in the areas of science, technology and innovation."

South African cities have been facing challenges since democratization to meet the expectations of the citizens. The challenges have included fraud and corruption, financial constraints, lack of service delivery and technological progress, amongst others, which were underpinned by weak leadership and governance processes.

Transparency

South Africa was just been faced with an unrest because of social inequalities from the 8th of July 2021 for about a week, because of looting and strikes. Digitalizing systems in place could make it possible to solve simple solutions like the distribution of grants to help those in-need. Some of the reasons for lack of funds are due to mismanagement of funds and there are no records to support or audit.

Efficiency and productivity

Most departments are still running on paper and pen. The systems are always down and there are very long ques. This could be reduced by a well planned strategy through digitization, whereby people are able to book onsite/offsite and only come when there is space. Also the government will be able to calculate the capacity and plan ahead.
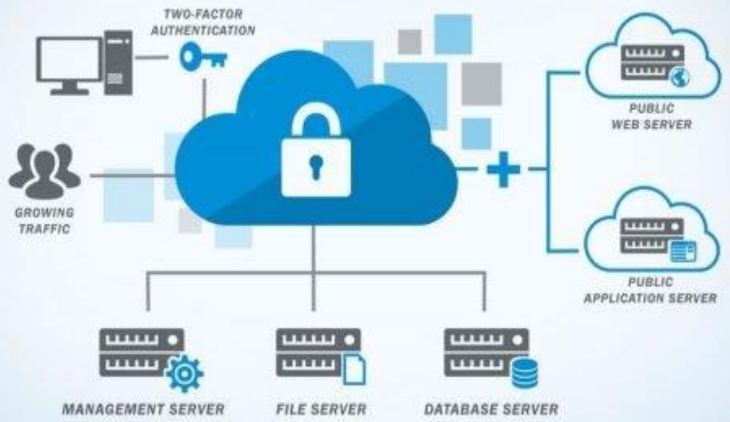
Convenient and Accessible

People do not need to go to government departments for Every transactions they require. Like getting grants, through phones, a digital ID can be created and the money Can be transferred directly to the person account. Also other booking can be made via the phone, whether via SMS or applications software

Cloud Storage and security

On-site servers are expensive to maintain and difficult to secure, and they've become the favorite target of cyber criminals who utilize ransomware to extract large sums of money from local governments. By transitioning to a cloud-based environment, records are stored securely and backed up several times per day. Maintenance and security costs are also eliminated, as the cloud provider becomes responsible for cybersecurity.

Save cost and flexible

Number one issue across the board in the country is limited financial resources available to the local governments. Meaning for a productive operations, they need to work on a tight budget. Through digitalization, redundant work is removed. People can work from home, removing unnecessary office space and less storage space required as we save on cloud. Thus in all creating a system that is flexible and cost effective.

Artificial Intelligence

Once we have managed to have all activities necessary digitalized we can now take advantage of Artificial intelligence to further improve our systems. Like use machine learning, through predictive modelling for planning resources. Use of AI-enable surveillance cameras to track and help in combating unwanted events like looting, and criminal activities.

Interested in learning more?

Our Solutions Specialists are ready to speak with you about your government's current processes and needs, and make recommendations that are specifically tailored to your local government. Schedule a FREE consultation. Let's talk!

Partners & Clients

Any Questions?

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THANKS