## Host Servers Upgrade

JPC's IT server environment infrastructure has almost reached its end-of-life five-year cycle for hardware and software licensing, and it embarked on a proactive infrastructure refresh for its Production and Disaster Recovery Platform. This has been strategically aligned with the CoJs integration plan of all Municipal-Owned Entities. The server infrastructure and software licences have been procured.

Reliable infrastructure will ensure effective information management, disaster recovery and business continuity. Software licences will meet the Software Alliance (BSA) standards, ensuring JPC is compliant with the International Intellectual Property Alliance's best practices. The disaster recovery location will be hosted at the CoJ Roodepoort data centre. This environment will host a complete copy (replication) of the production systems and applications. The technologies used will enable future seamless integration with the CoJ cloud-based platform. In case of an unforeseen disaster, JPC core employees will be connected to the critical applications at an off-site location.

## Redesign of the Website

As the existing JPC website has limitations in changing the design and information displayed, JPC IT has embarked on a website and intranet refresh project. The website refresh has been coordinated with JPC's Marketing Department, and will include a new look and feel of both the website and intranet, ultimately enhancing JPC's image by using the latest social and video trends on the Web. An off-line front-page of the website (landing page) has been developed as a prototype for the look and feel JPC would like to project. Brand and image enhancements, social media integration, flexibility to changes as and when required and mobile device versatility will be promoted in JPC.

## JPC Physical Security Upgrade

A biometric system has been installed to ensure stringent security measures and to prevent un-authorised personnel from entering JPC departments. Additional surveillance cameras have been installed by the IT department at all strategic positions. New network video recorders have been installed, allowing 80 days of video recording footage. Recording footage has increased from five days to 80 days and biometric access control eliminates tag sharing, but promotes physical fingerprint authentication.



*Jabulani Precinct (artist impression)*