Legislation Text

File #: 22-4274, **Version:** 1

Innovation and Technology demonstration of new homegrown Smart City Digital Twin platform and Horizontal Integration Dashboards.

- Description: The Innovation and Technology department will do a live demonstration of a new smart city digital twin platform and horizontal integration dashboards. The new homegrown digital twin platform merges the Coral Gables smart city hub public platform, the City's urban analytics Artificial Intelligence (AI) Internet of Things (IoT) platform, citywide enterprise systems and open data, and a 3D horizontal integration spatial computing platform. This architecture fosters interoperability in real time and connects the dots between all the city's enterprise systems and data domains to improve operational efficiencies and citizen access to digital services. It also allows for integration with building information models and immersive virtual reality user experience navigation for operations, inspections, monitoring and control. The IT department recently presented this multi-platform at the smart city conference in University of Miami and did live demonstrations for professors and researchers at the UM's Institute of Data Science and Computing.
- Attachment: Please attach the screenshot in the attachment