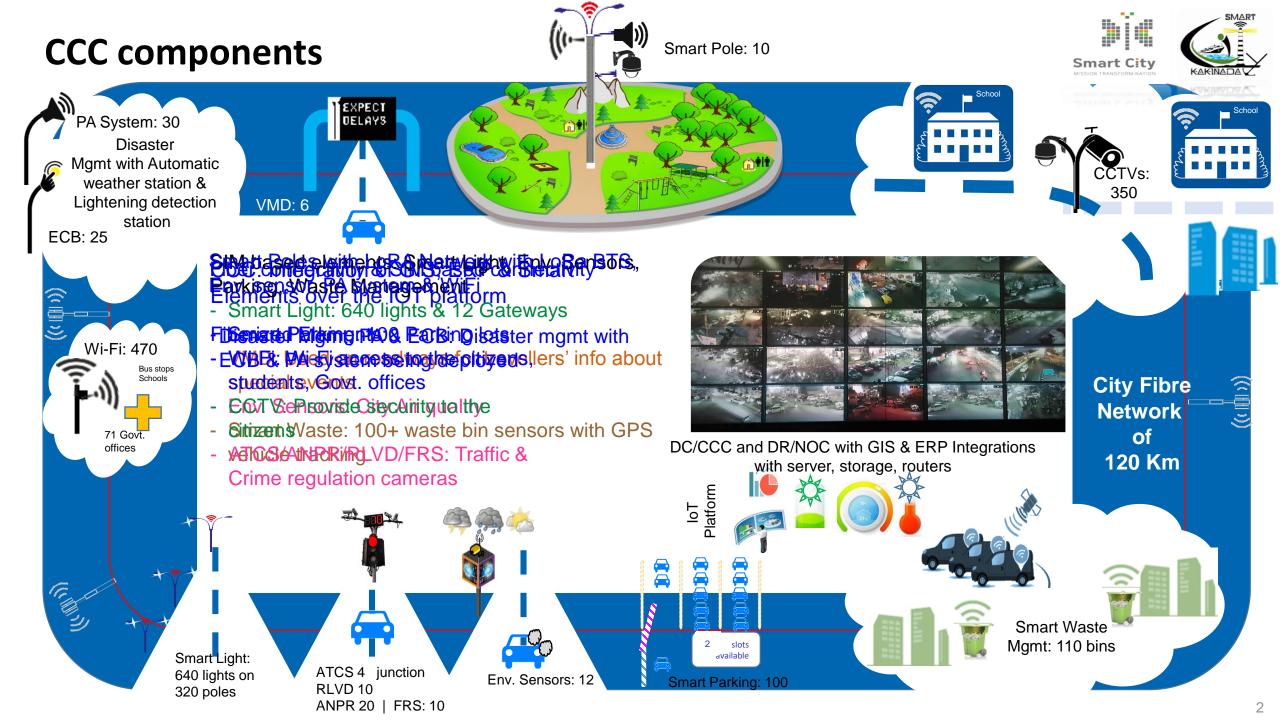


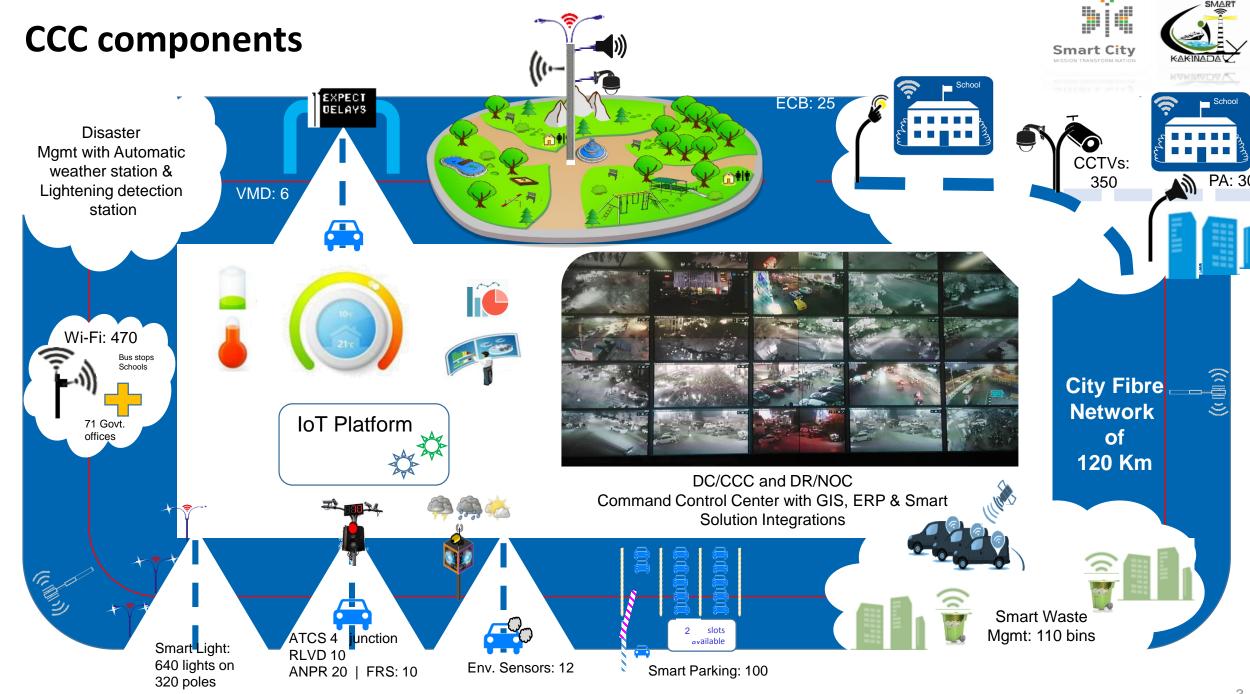
Kakinada Smart City Corporation Limited (KSCCL)



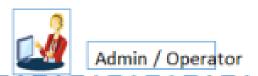
Review meeting on Implementation of Integrated Command & Control Centre in Smart Cities – Kakinada

Presentation to
The Secretary, MoUD, Gol
Dt. 19-05-2017

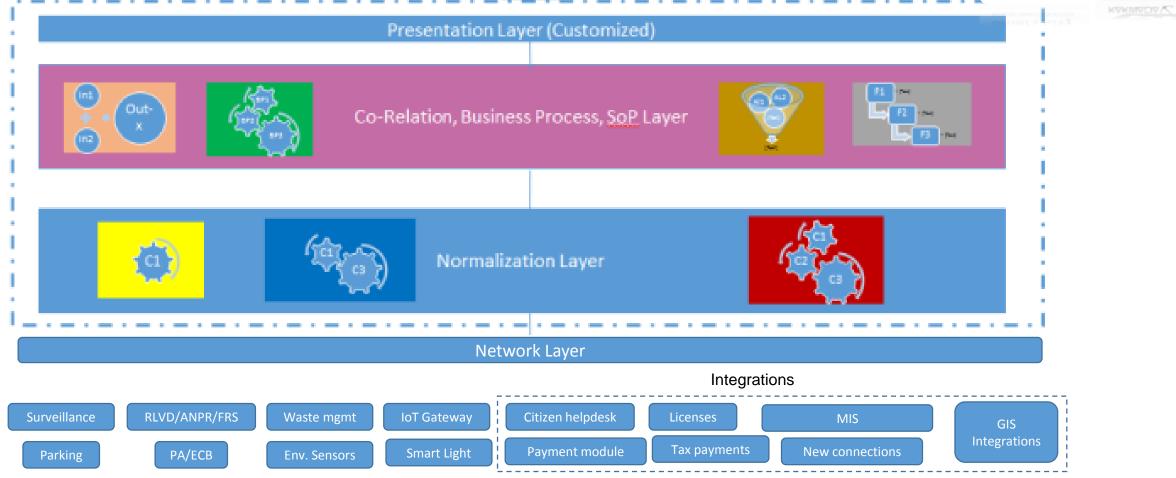




Architecture of CCC

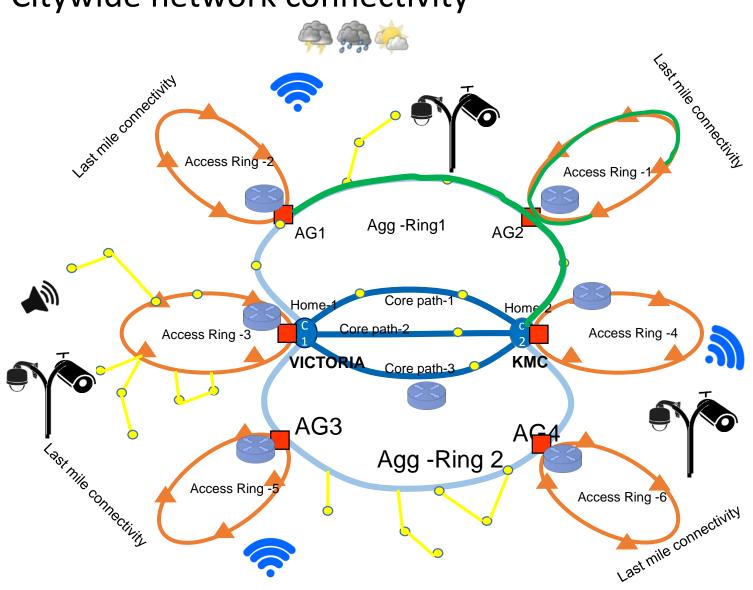






- The CCC Application would integrate all the elements
- Applications would get aggregated on the IoT Platform and be presented on a common dashboard on the CCC
- The ERP modules already developed and currently being developed will be aggregated on a single dashboard on the CCC

Citywide network connectivity





Core & Aggregation layers:

Routers running on IP/MPLS protocols, with capacity in multiple of 10G (2 Core and 4 Aggression routers)

Access Layer:

Modular temperature hardened Chassis running IP/MPLS based transport with capacity of 10G (24 Access routers)

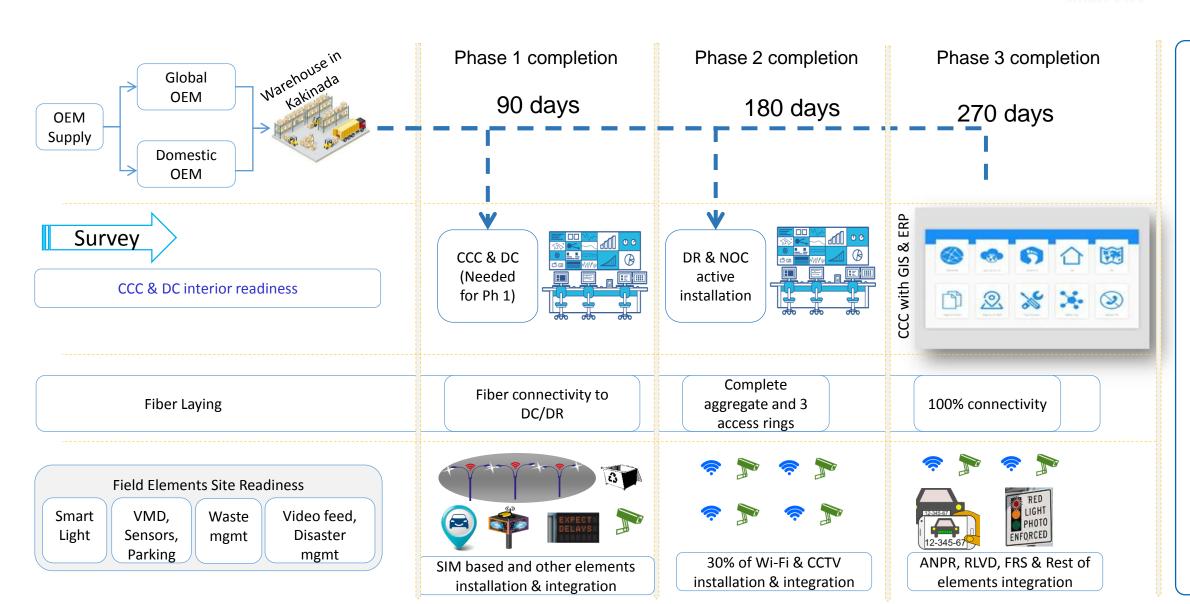
Street layer:

Street layer switches will be connected to pre Aggregation layer with 1G capacity. (Around 200 Switches)

All wired Smart Elements like Camera, WiFi, ANPR, RLVD, ECB, IP PA, FRS, ATCS, LoRa BTS

Implementation timelines



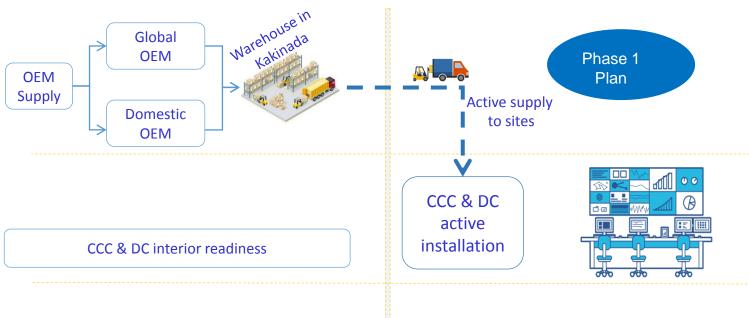


O&M – 5 Years

Delivery plan for 25th June







Integration by 25th June

CCC & DC interior readiness, active & video wall installation

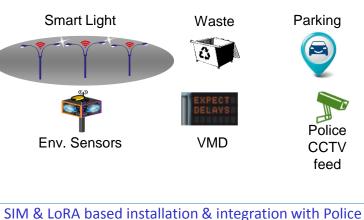


Field Elements Site Readiness

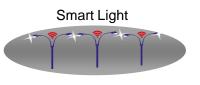
Smart Light, **VMD**

Waste mgmt, Sensors, **Parking**

Video feed, Disaster mgmt



feed and Disaster mgmt









Env. Sensors

Active Video wall Switch

Server

Disaster Management

40 Km Fibre

Thank you