

Scenera

The Leader in Orchestration of Event Recognition

Febraury 2022

Customer Problems – How to capture the right events?

Increasing Number of Sensors Applications Machine Learning Real-time Ingest Feedback 5G() SceneData (Clips, stills, audio) Open Big Data **Business Analytics** Massive Structured Unstructured Relevant Data **Event Data Raw Sensor Data Event Filtering Sorted Events** Curation **Curated Events**



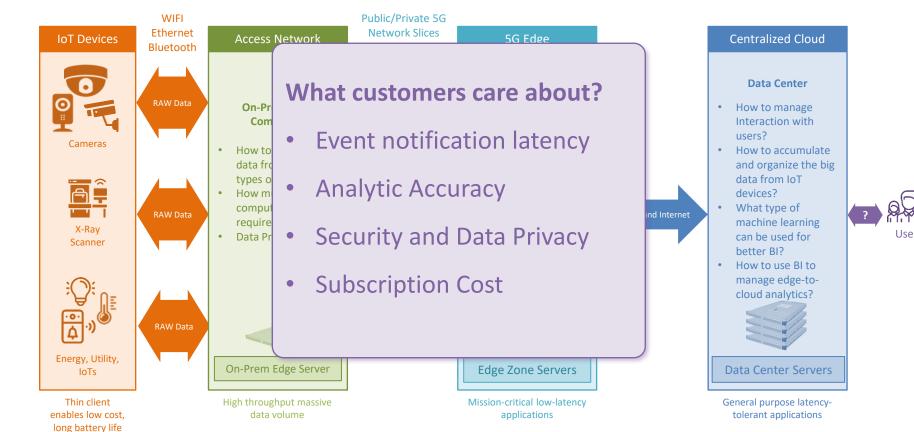
Scenera Business



- Scenera intends to provide the platform for systems integrators to provide *event recognition* systems to customers. The platform enables custom AI algorithms to be sourced from any vendor or developed in house.
- Scenera platform
 - allows the definition of workflows for multiple simultaneous applications. The platform is extensible to handle new use cases
 - provide data security among IoT devices, user account and apps accessing user's device and data
 - orchestrates the real-time operation and monitoring of the service performance



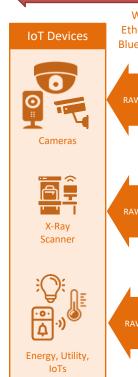
Orchestration of IoT Event Recognition – Problems



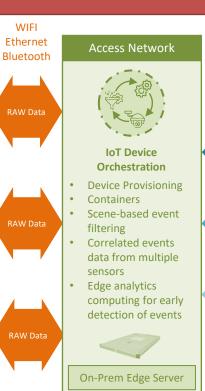


Orchestration of IoT Event Recognition – Orchestration Services

Security and Privacy



Thin client enables low cost, long battery life

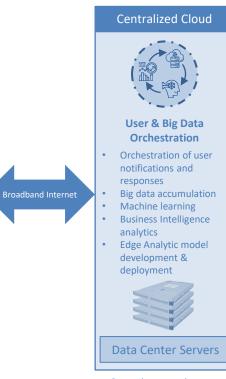


High throughput massive

data volume

Public/Private 5G **Network Slices** 5G Edge Mission Critical Slice **IoT Data & Analytics** (Notification) Orchestration Container deployment and orchestration Abstraction of device events Curated events from multiple IoTs Orchestration of different 3rd party AI workflow **Edge Zone Servers**

Mission-critical low-latency applications

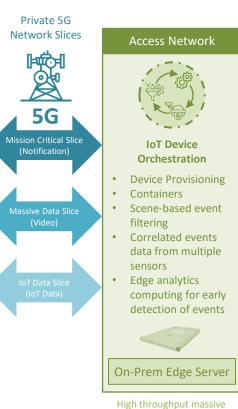


General purpose latencytolerant applications Users

Edge – Cloud AI Computing Workflow Orchestration with 5G MEC



Thin client enables low cost, long battery life



data volume

Public/Private 5G **Network Slices 5G** Mission Critical Slice (Notification)



applications

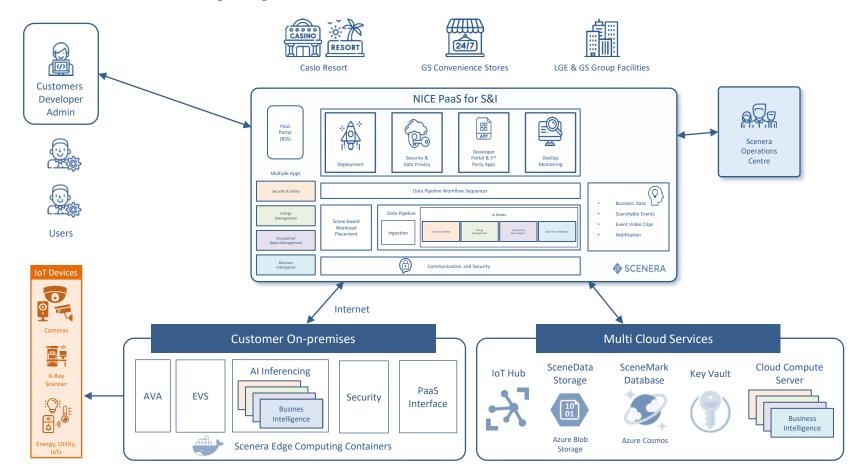


Broadband Internet



General purpose latencytolerant applications

Scenera PaaS Deployment @S&I





Building & Facility Safety Surveillance Functional Demo

Camera Setup at Building under management











Thank You