

Corporate Presentation

June 2021



OUR COMPANY

Kenmei Technologies







Spanish company based in Valencia founded by telecoms and software experts that provides an AI-based solution for network / customer intelligence and network operations automation



The Management Team An experienced team



VICENT SOLER

CEO & CO-FOUNDER



JAVIER LÓPEZ

CTO & CO-FOUNDER





JAVIER GRAU

COO & CO-FOUNDER



ALI WANSA

EVP SALES







GROWING A COMPANY

...under challenging scenarios



MOBILE COMMUNICATIONS

With the highest expertise from 2G to 5G



SW DEVELOPMENT

...in Agile mode to create our own solutions



BIG DATA

Introducing Big Data in our solutions





CREATING TEAMS

Fostering and developing talent, motivated highperformance teams



DATA SCIENCE

Applying data science techniques and machine learning to innovative projects



PROJECT MANAGEMENT

Managing big, complex international projects



INNOVATION

Internationally recognized as an innovative team in close relationship with prestige universities



Potential market for IA in telecom Market estimation per Use Case type



- Fraud mitigation
- Predictive maintenance
- Improve customer experience management









DEEP TELECOM EXPERTISE DEVELOPED IN BIG DATA

ADELE® IS A FLEXIBLE PLATFORM NATIVELY DEVELOPED IN BIG DATA

CROSS-DOMAIN DATA CORRELATION

MULTIPLE DATA SOURCES ARE MASSIVELY CORRELATED TO BRING ADDED-VALUE USE CASES

PROVEN TIER-1 TRACK RECORD

DEVELOPING TOGETHER THE PATH TO MAXIMIZE THE VALUE OF THEIR BIG DATA PLATFORMS

AUTOMATION & SCALABILITY

BOTH ROOT-CAUSE ANALYSIS AND NETWORK TUNING ACTIONS ARE AUTOMATICALLY PROVIDED



OUR PRODUCT

ADELE® (Autonomous Decisions and Learning) is Kenmei's solution to automate decisions based on AI techniques







DATA CORRELATION IN BIG DATA

Our solution is natively developed in **Big Data** enabling cutting-edge Use Cases by correlating multiple data sources such as Crowdsourcing, Counters, Parameters, Call Traces, Probes and Open Data



ADELE® Platform

A future-proof architecture





Differentiators of our solution A future-proof solution with advanced Use Cases for MNOs



CLOUD-NATIVE, MULTI-CLOUD, BIG DATA ARCHITECTURE

Our solution is developed using opensource components of the Big Data ecosystem that can run in any existing Cloud infrastructure



CROSS-DOMAIN & UNIFIED DATA MODEL

Unified Data Model integrates every field of the processed cross-domain data sources





20+ ENTERPRISE AND EXTRAPRISE SOURCE DATA INTEGRATIONS

Multi-vendor network data sources are natively decoded and processed by the platform

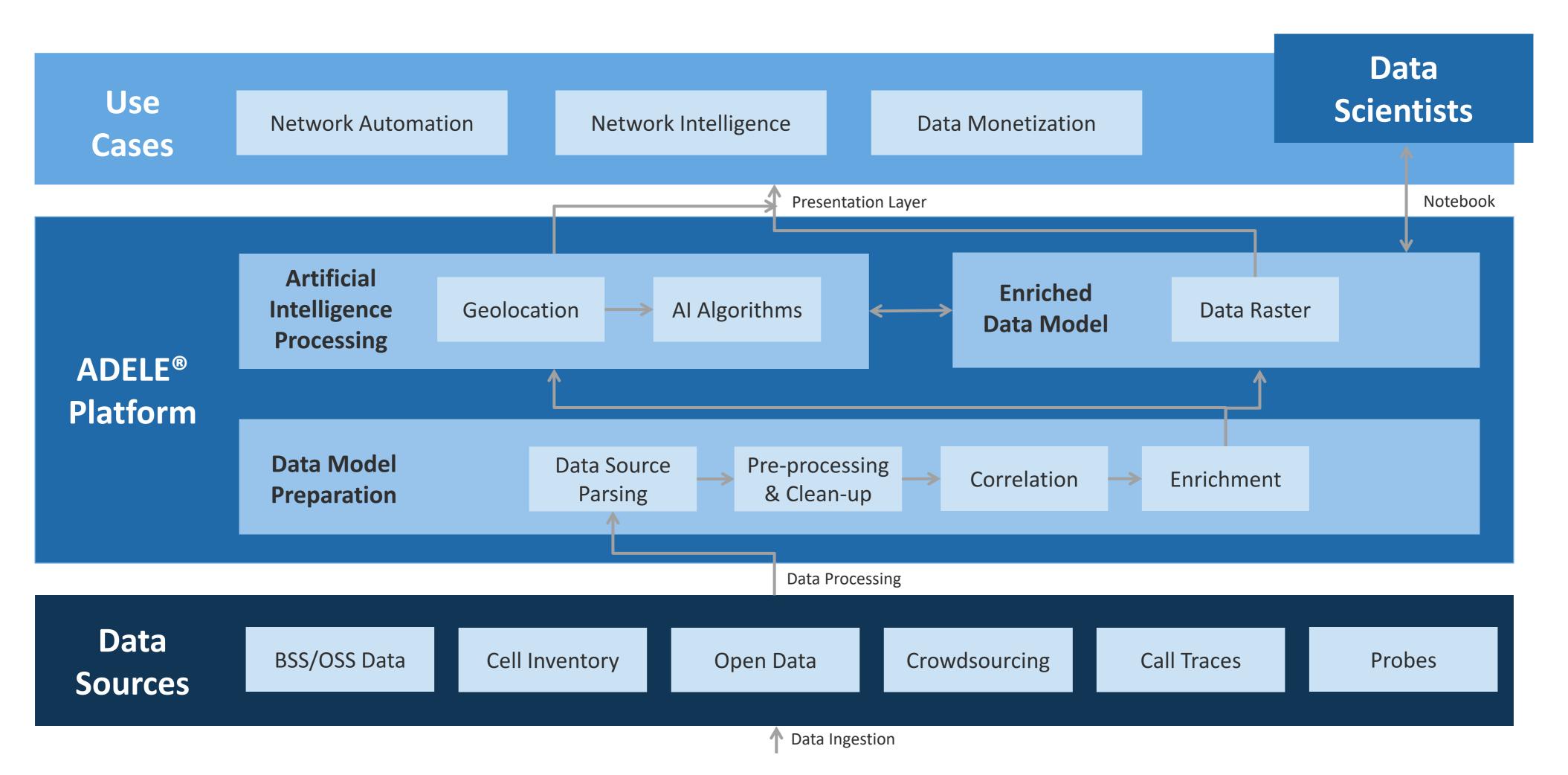


ADVANCED PRE-BUILT USE CASES

The solution comes with a set of predefined Use Cases with advanced telco logic









Logical Architecture based on BDP



Supported multi-vendor data sources What data is being used?

BSS/OSS Data

KPIs and parameters are extracted from network elements:

- Performance Mgmt. Counters (PM)
- Configuration Management (CM)

Cell Inventory

Existing and planned sites' position and antenna parameters are extracted from the design database:

- Network Topology
- Simulation Tools data

Crowdsourcing

Data is obtained from mobile agents using the most relevant tools in the market: Commercial Mobile Agents data • Proprietary mobile SDK data

NOKIA

ERICSSON





VISMON MANAGER







Call Detail Records

This data source category includes the support of signaling CDRs of;:

- Probes
- Call Traces

Open Data

Relevant points of interest of each country are extracted from:

- OpenStreetMaps
- EU: GeoStat, Copernicus

TUTELA

() NetPerform



NETSCOUT.



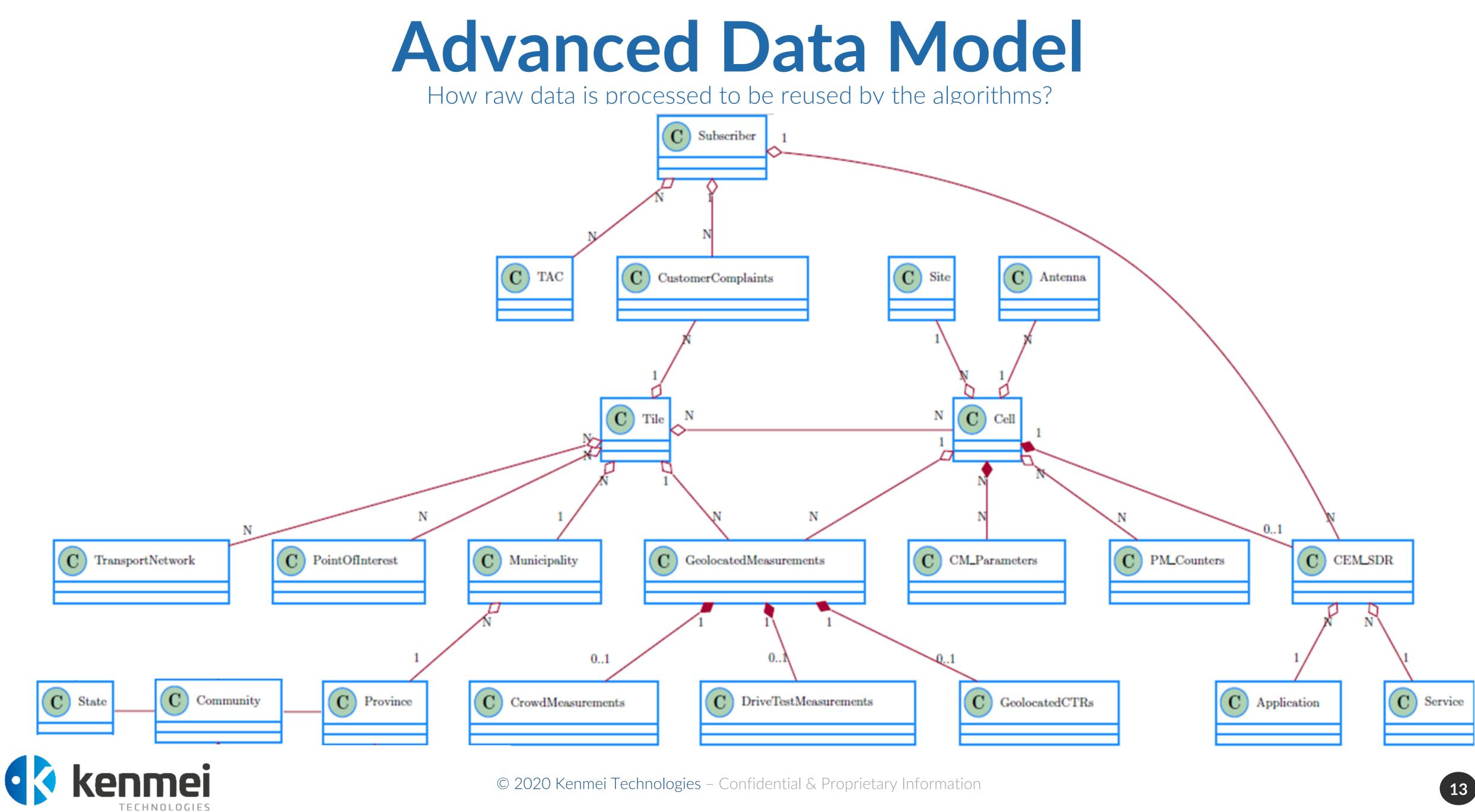








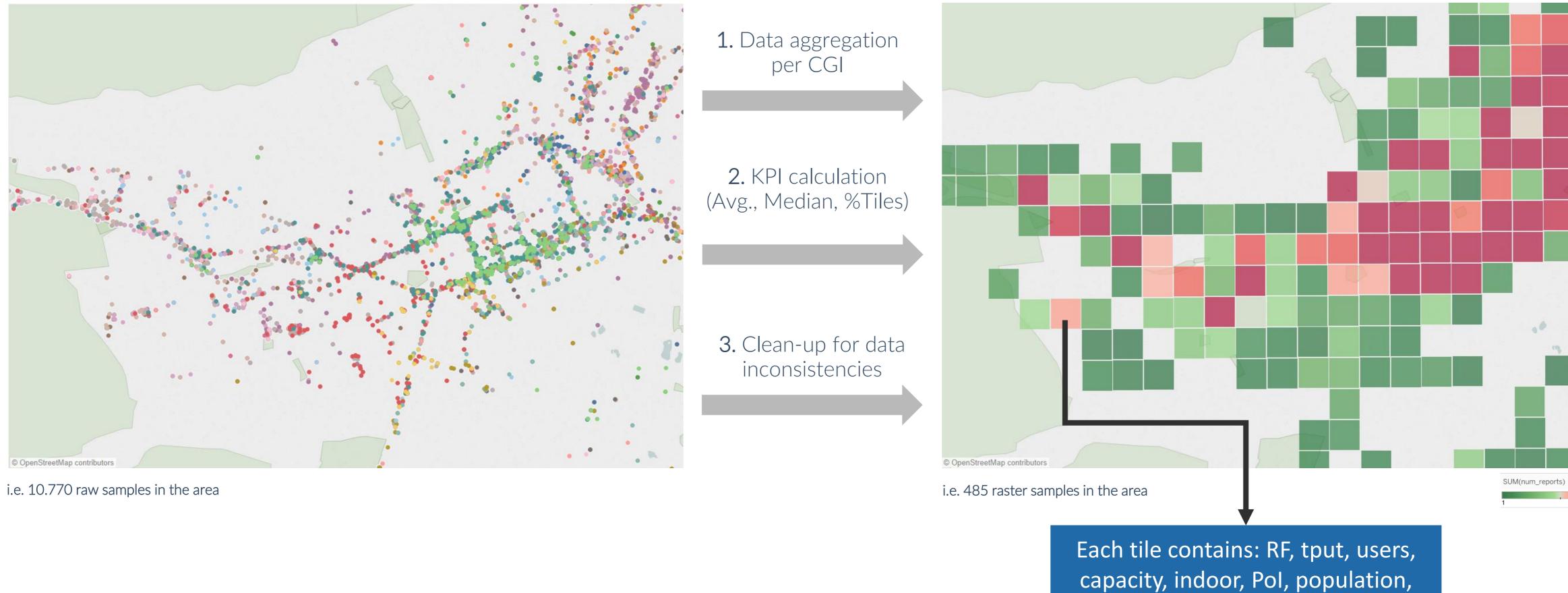
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Original Geolocated Data







IMSIs, roamers, etc.







ON-PREMISE

ADELE® solution is installed on operators' physical servers that are installed in the data center. The integration is done with both Cloudera and Hortonworks architectures based on Hadoop systems.







Support Big Data Architectures Multiple alternatives

PRIVATE / PUBLIC CLOUD

ADELE® solution is installed on available cloud providers such as Google Cloud Platform (GCP), Microsoft Azure, Amazon Web Services or Cloud Foundry. The integration of the solution is done with proprietary tools of the cloud provider such as DataProc, BigQuery, etc.



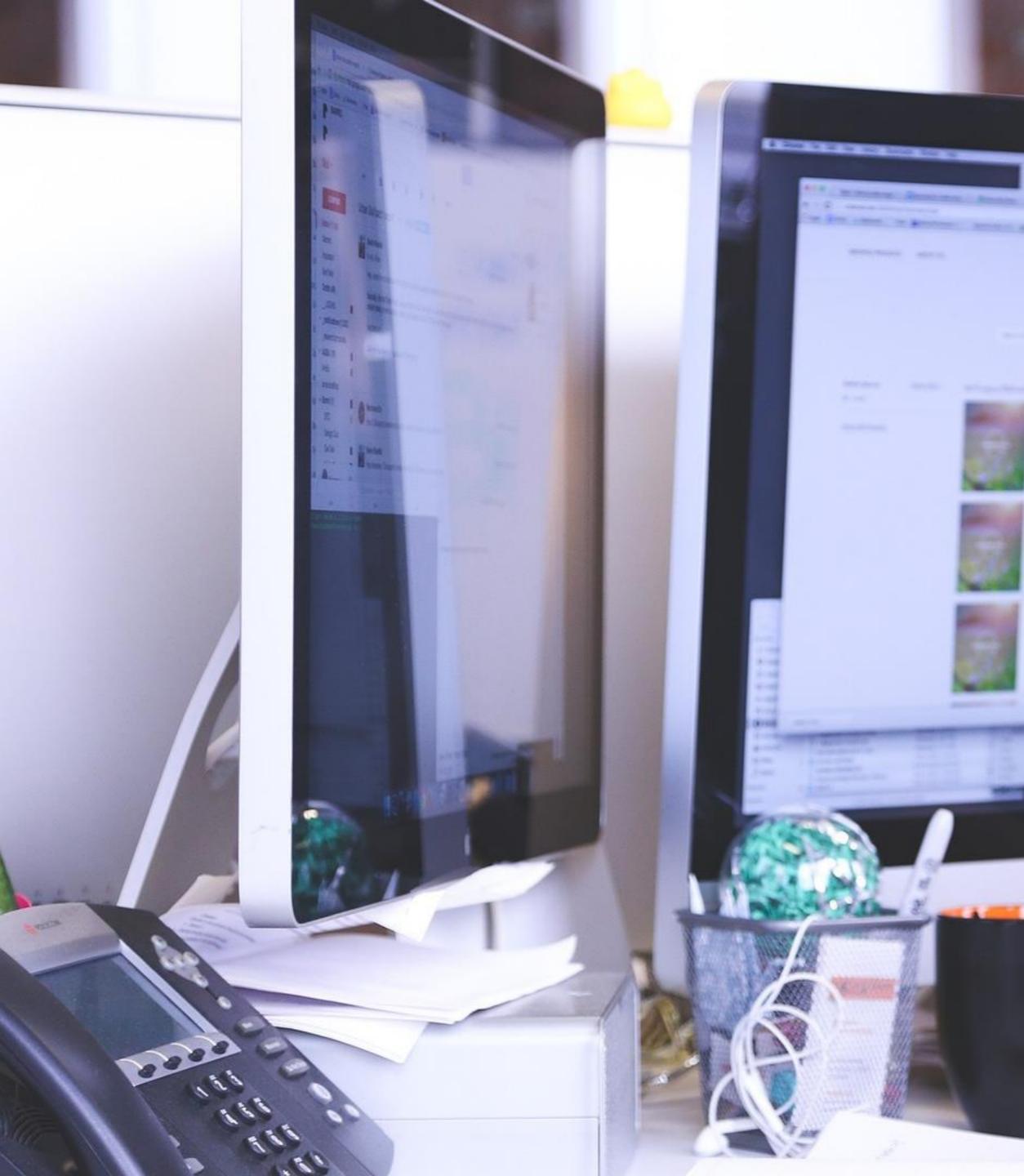
Google Cloud Platform











Shy France



Use Cases

ADELE[®] Use Case catalogue







NETWORK AUTOMATION

Network fine-tuning by using advanced automated

algorithms



DATA MONETIZATION

Leverage operator's data to support the creation of new revenue streams and disruptive business models

Family of Use Cases

NETWORK INTELLIGENCE

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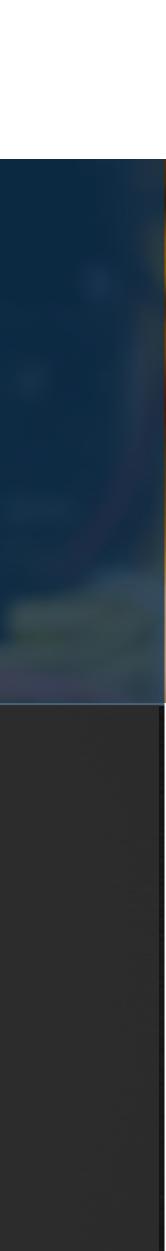
Network analytics based on real customers' data to gain visibility of network performance



OPEN PLATFORM

Create your own analysis based on Jupyter

Notebooks and standard BI tools





Conclusions

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THANK YOU