A New Approach Towards Network Testing

We propose a game changing network testing approach for the CSPs and the Regulators by employing existing mobility options. Get 100x more sampling autonomously without sending dedicated engineers in the field.

Uberizing your network testing

Uber	Riders move all the places all the time
aws	Everything gets done from the cloud
	Zero touch rider operations

And get awesome sampling

Helsinki - TeliaSonera LTE DL Throughputs
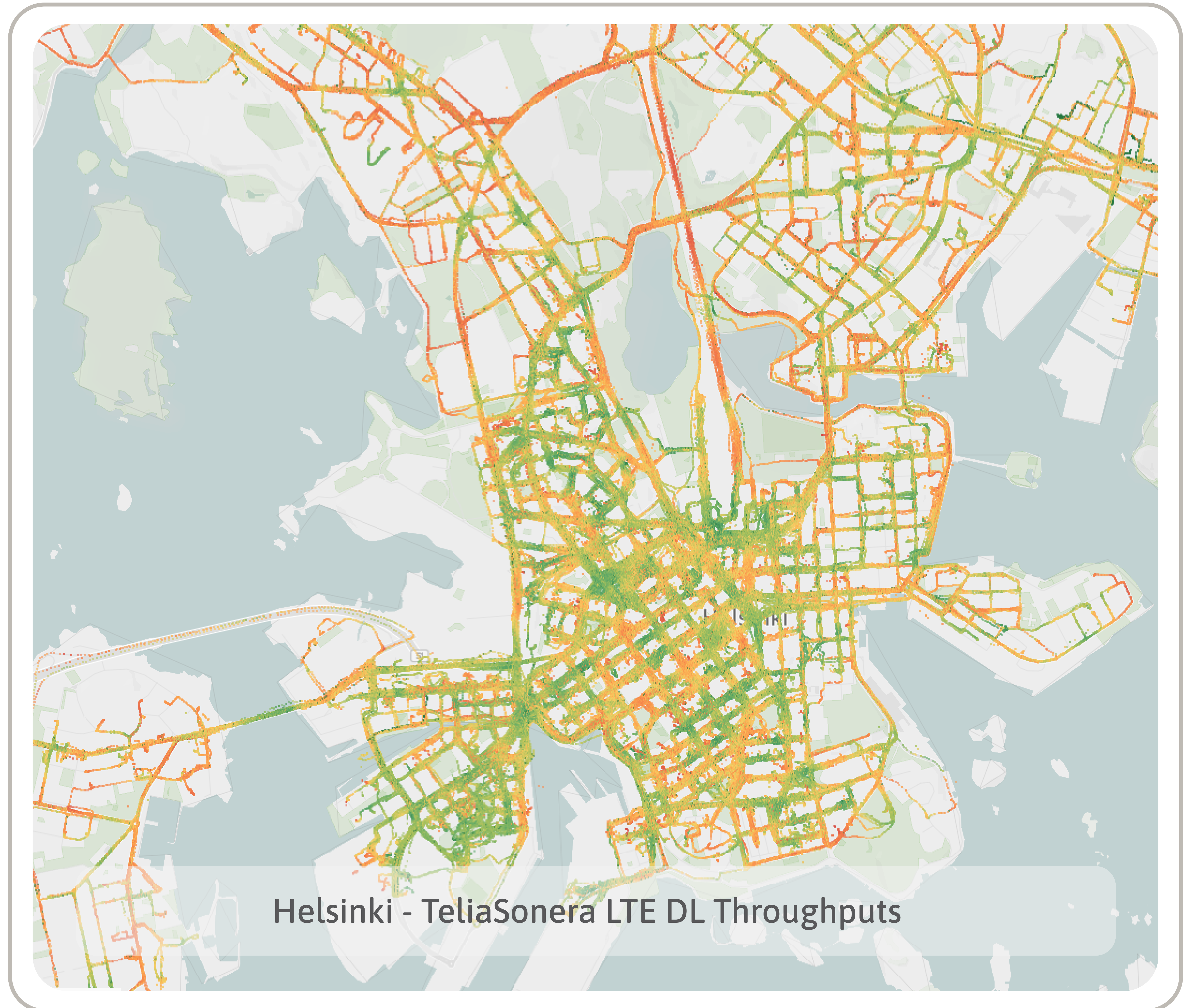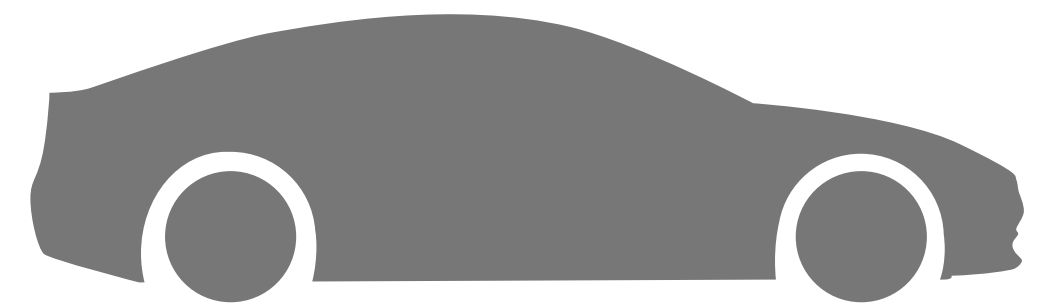
Best of Both Worlds

Our Approach
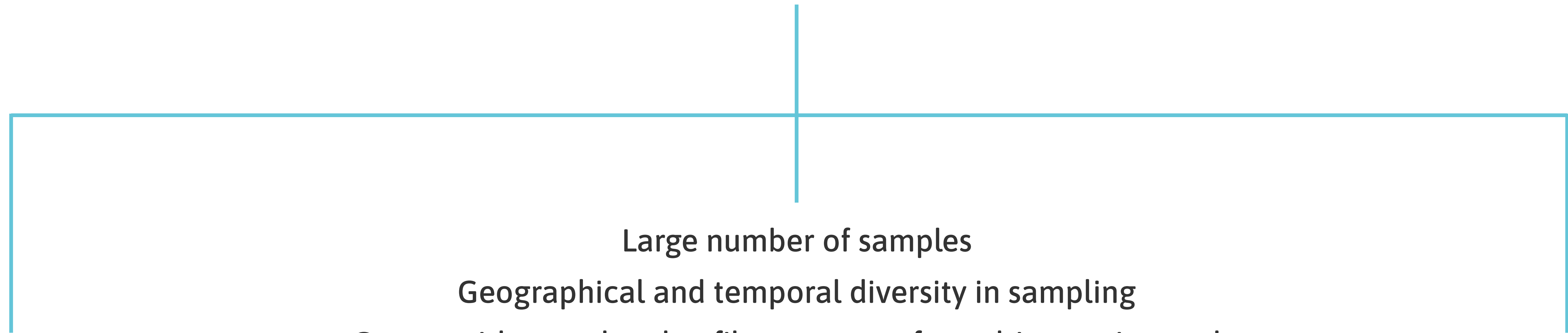
Large number of samples

Geographical and temporal diversity in sampling

Comes with complete log file as you get from drive testing tools.

No privacy concerns as we do tests on dedicated handsets.
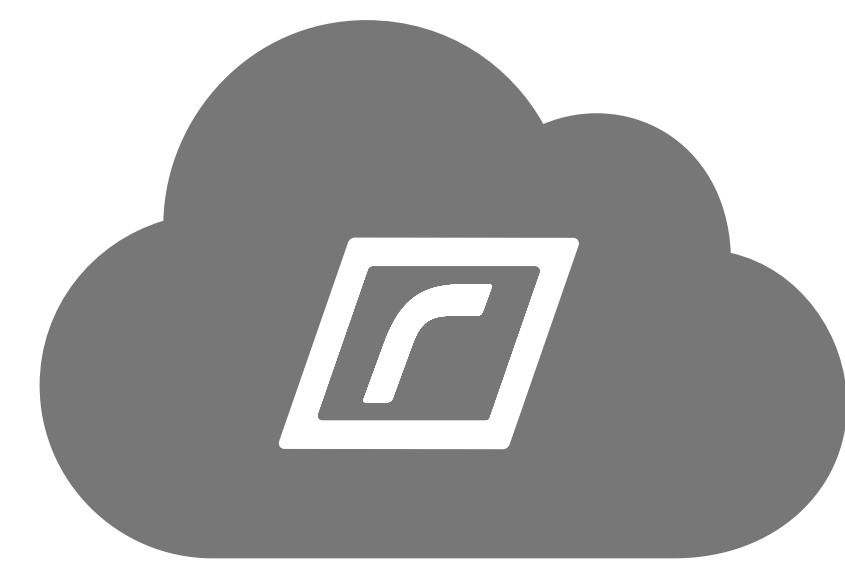
Legacy Drive
Testing Approach

Crowd Sourced
Approach

Autonomous testing as a Service

Mobility Layer

Test Orchestration

Pipeline Processing

Automated Analytics

Mobility Layers

Ride Sharing

Market wide test coverage covering main roads, commercial and residential areas. Uber, Lift and Grab are main options.

Operator's Fleet

Deploy Revolution handsets with your own fleet or hand over to third party franchise networks.

Food Delivery

Food delivery riders moves in a more local fashion going allowing us rich sampling for different urban localities.

Trucking

We work with truckers allowing network visibility across highways and small towns.

Ecommerce

Ecommerce delivery providers moves wide and deep across large and small cities.

FMCG Distribution

You can have test coverage reaching every retail point with FMCG presence across all towns in your market..

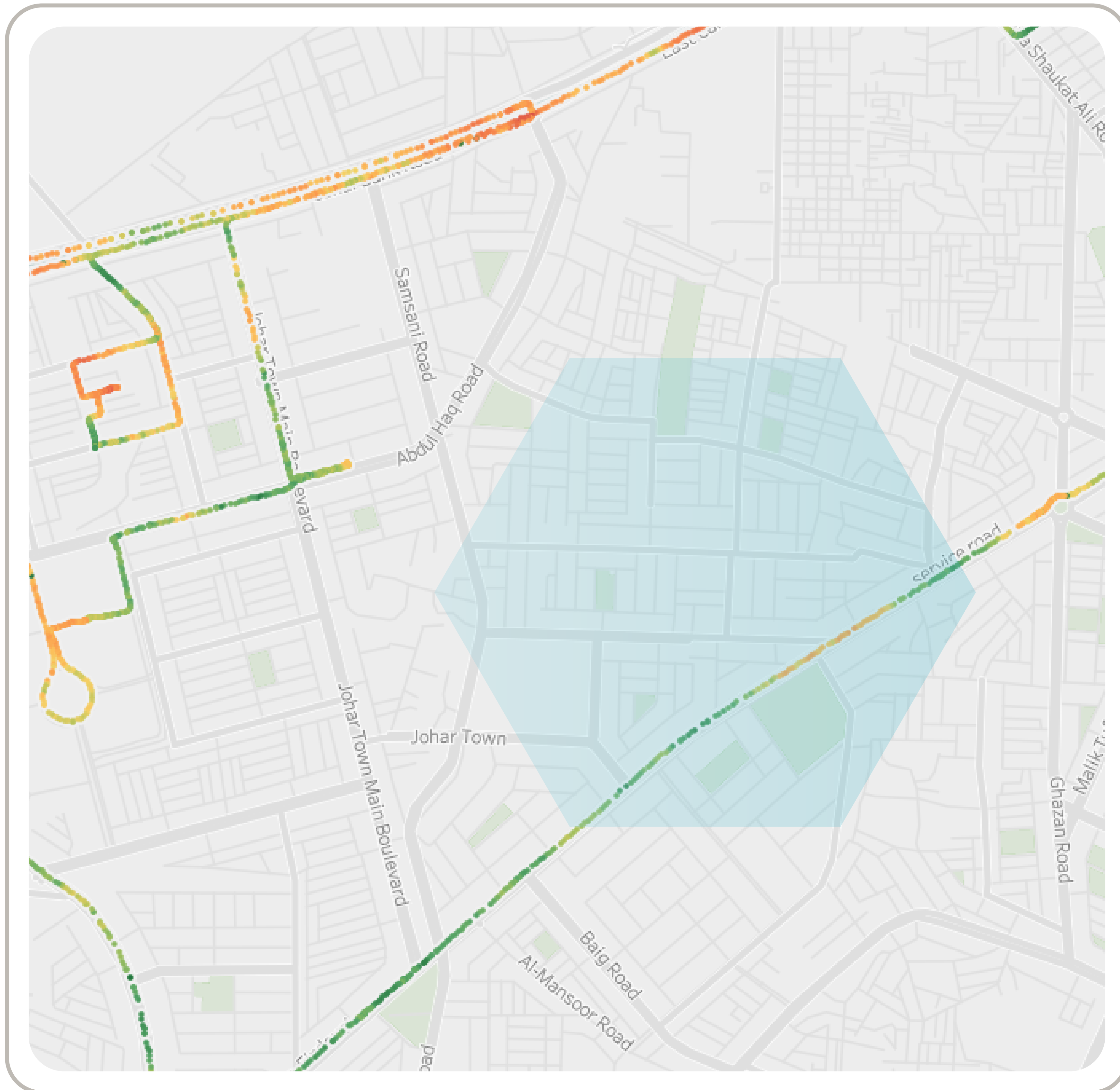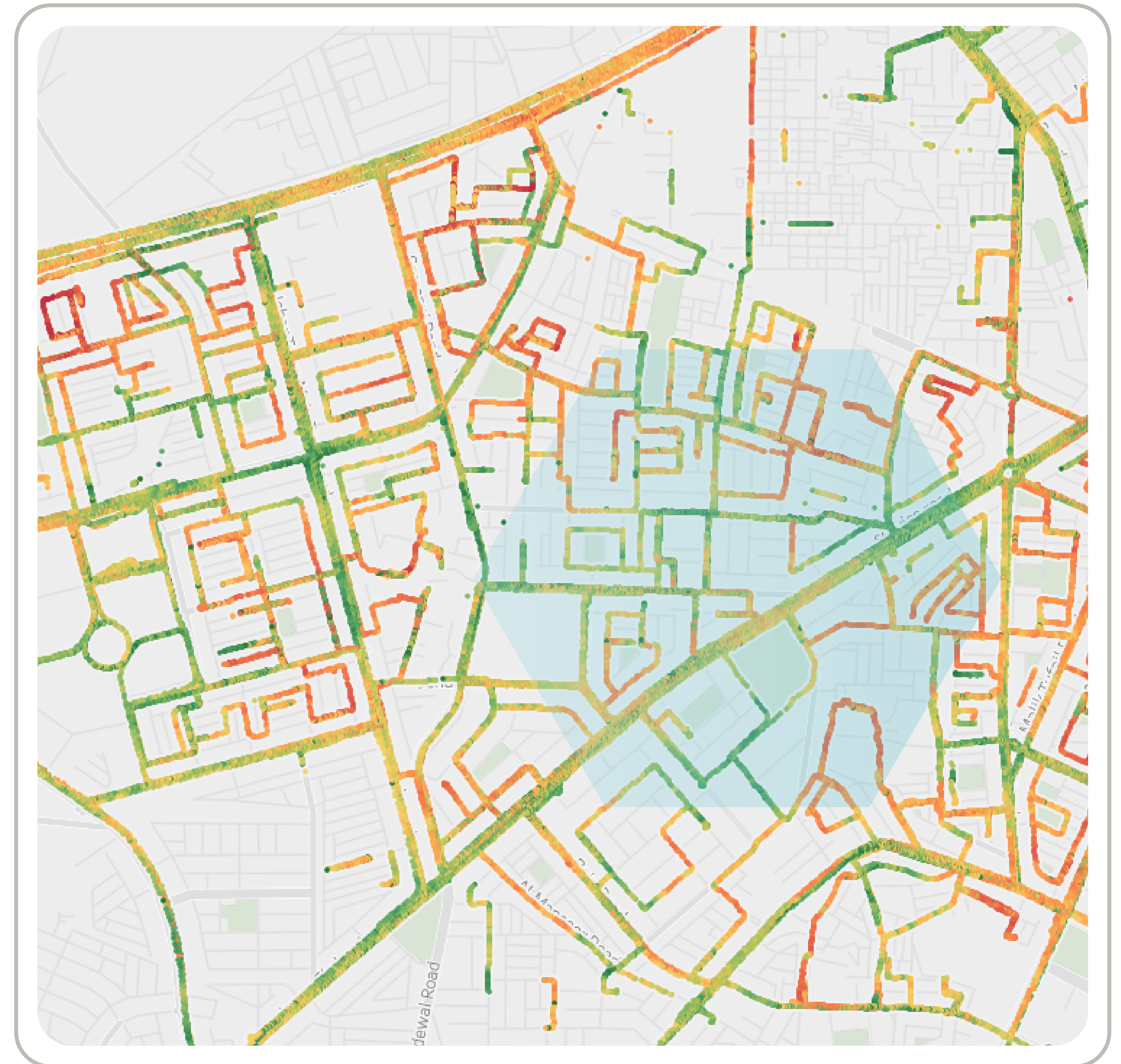# Truly Autonomous. Nothing to do on the UI.

A Robust Measure

It's a law of large numbers.

Statistically significant number of samples for the given area allows a robust measure which is not possible with legacy approach.

Legacy Approach

Our Approach

Whatsapp Report

Whatsapp Events

- 🟦 Call Attempted
- 🟧 Call Connected
- 🟥 Call Drop
- 🟦 Call Ended
- 🟩 Call Setup Failure
- 🟨 Call Status
- 🟪 No Internet Connection

Number of calls - 525

Duration of each call - 1 min

Technical Features

Technologies	Test Types	Core Features	RF Info
5G NR	HTTP Data DL	Realtime Network Events on cloud	Diagnostic Port RF Info
LTE/LTE-A	HTTP Data UL	Realtime Test Results	Signal Strengths (5G NR, LTE, UMTS, GSM)
WCDMA/HSDPA/HSUPA	FTP DL	Native Log Files can be exported as CSVs	Signal Messages
GSM/GPRS/EDGE	FTP UL	Complete Cellular Protocol i.e. 3GPP, L2, L3	Serving/Neighbour cells info (All Technologies)
VoLTE	Voice Call (MOS)	POLQA v4, PEVQ-S	CA info
Wi-Fi	HTTP Browsing	Cell and Carrier Info	Serving Cell Band, NR ARFCM, PCI
	SMS	Operational Visibility (Battery Levels, Resiliance Usecases)	Handover Info (Inter-RAT, Intra-RAT)
	YouTube	ETSI Complaince	Scell Event
	Whatsapp	Application Testing (From end user's perspective)	Signal Quality (All technologies)
	Sppedtest DL UL Ping	Locking Support (Technology, Band, Carrier)	SINR (All Technologies)
		OTA Update Enabled	
		VoLTE with CA support	
		Cloud Based Orchestration	

ENABLERS

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