

## **Corterix Internet of Things (IoT) Cloud Analytics**

### **Corterix Cloud IoT analytic and storage features**

• IoT Analytics scalable to 400 Trillion IoT records

Short/long-term storage or Archive for IoT scalable to 2,000 PB

IoT is the new lifeblood of the Internet-connected world. Businesses and governments need to capture and analyze IoT data from millions and billions of sources in real-time and run real-time analysis. In addition, IoT data has to be stored for a long time (years, decades or forever) in a very cost-effective, reliable way for regulatory, business and other reasons. **Examples:** 

Government: general IoT Utilities: smart meters Transportation: telemetry Health: tele-monitoring Surveillance: cameras Oil & Gas: operations

**Corterix IoT** provides three critical IoT functions:

1) Real-time capture, index and store of IoT data

2) Real-time analysis and retrieval of Trillions of IoT records

 store IoT on-prem or cloud to meet regulatory requirements

#### Key features of Corterix IoT 12.4:

1. Fast IoT ingest –3 PB of IoT per day, (50 Trillion IoT records)

2. **30 Billion IoT sources,** captures data from 30 Billion IoT sources (cars, sensors, ATM, cameras)

3. IoT Analytic Database can store & analyze 23 PB of IoT data (387 Trillion IoT records)

4. Archives up to **12,000** PB of IoT data to Cloud or on-prem archive (optical, tape, HDD). Deep integration with RSTOR Cloud.

5. **Real-Time IoT analysis** IoT queries finish in < 1 sec to allow real-time monitoring and search

6. **Analysis of non-loT data** Analysis includes non-loT data i.e. files, messages etc.

7. **Customer success** Watch Corterix IoT in action: <u>http://www.jumpstartwireless.com/f</u> ield-service.html

8. Economics uses low TCO managed cloud storage with 119's reliability

Corterix IoT is the Guinness World Record holder for the largest IoT database at 23 PB























# Microsoft Azure

### Call +1(510)-502-3465 or visit corterix.com

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## **Corterix IoT Cloud Analytics use cases**

Corterix IoT provides IoT analytics and cross-correlation with other data types (files, emails, database records): Corterix delivers analytics and search needed for Fraud detection, Litigation, Discovery, Audit and Compliance and helps customers to identify, collect, preserve and process data in any form and at any location

- Complex IoT analysis of Trillion of IoT records AND cross-analysis of IoT with large volumes of messages, files, multimedia and database records as required in over 50% of IoT operational analytics. Searching isolated silos of IoT records, emails, documents, database records is not a viable option. CORTERIX solves the "silo problem" with real-time cross-analysis across the entire enterprise.
- 2. Operational efficiency, deep historical analytics, diagnostics, coordination with maintenance crews, and collaboration of Legal, Risk, and Compliance teams: teams can use CORTERIX to work on multiple projects. Collaborating teams can share data and results internally or with external parties. IT help is not required.
- **3.** World Record: 23 Petabytes of IoT data, 380 Trillion records and 1000s of users. CORTERIX is certified to a World Record 23 PB of data containing database records, messages, smart meters and files (over 380 Trillion records) and loading speed of 3 PB per day.



Figure 1: IoT analytics of 285 years (20 Trillion IoT records), files, emails and Database records

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