



**splunk®**

# Immersive Analytics

## Augmented Reality Over Splunk

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⌚ DataKlub R&D :

⌚ 1 manager

⌚ 3 developers

⌚ DataKlub : Splunk Professional Services

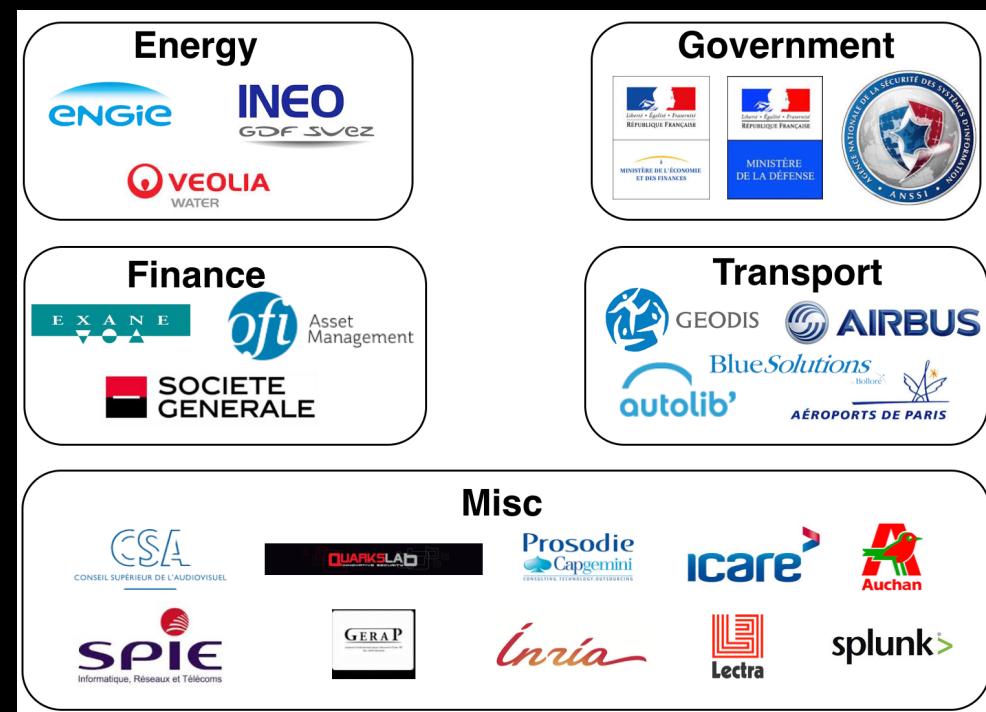
⌚ 1 manager

⌚ 3 big data engineers



DataKlub  
DataKlub  
DataKlub

La  
**FRENCH TECH**



# Today. Big Data generate a « DataDeluge »

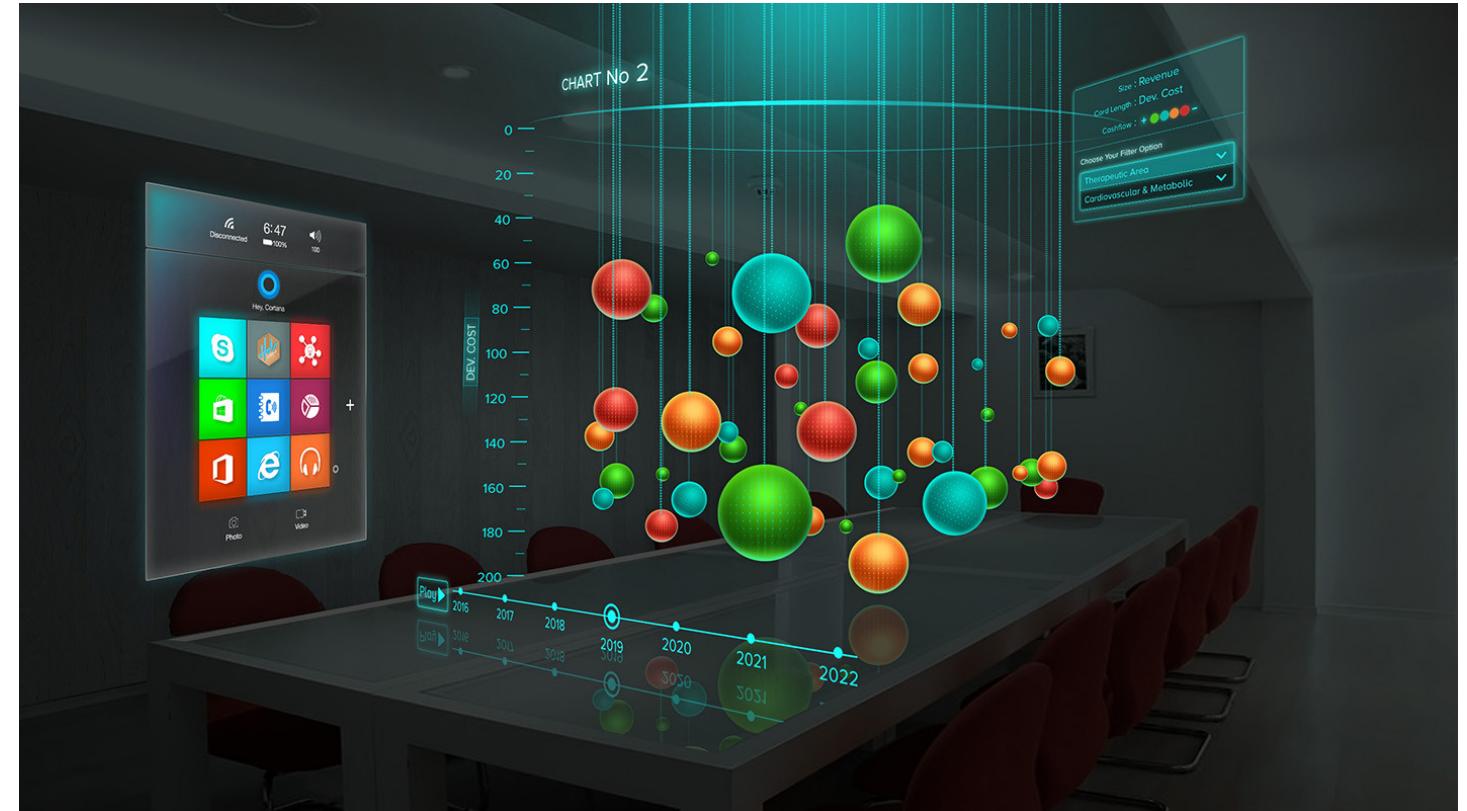
# To Many Reports are produced

- ▶ With standard interfaces : screen, mouse, keyboard analyses are fastidious
    - Past 4-5 screens , humans can't analyse more



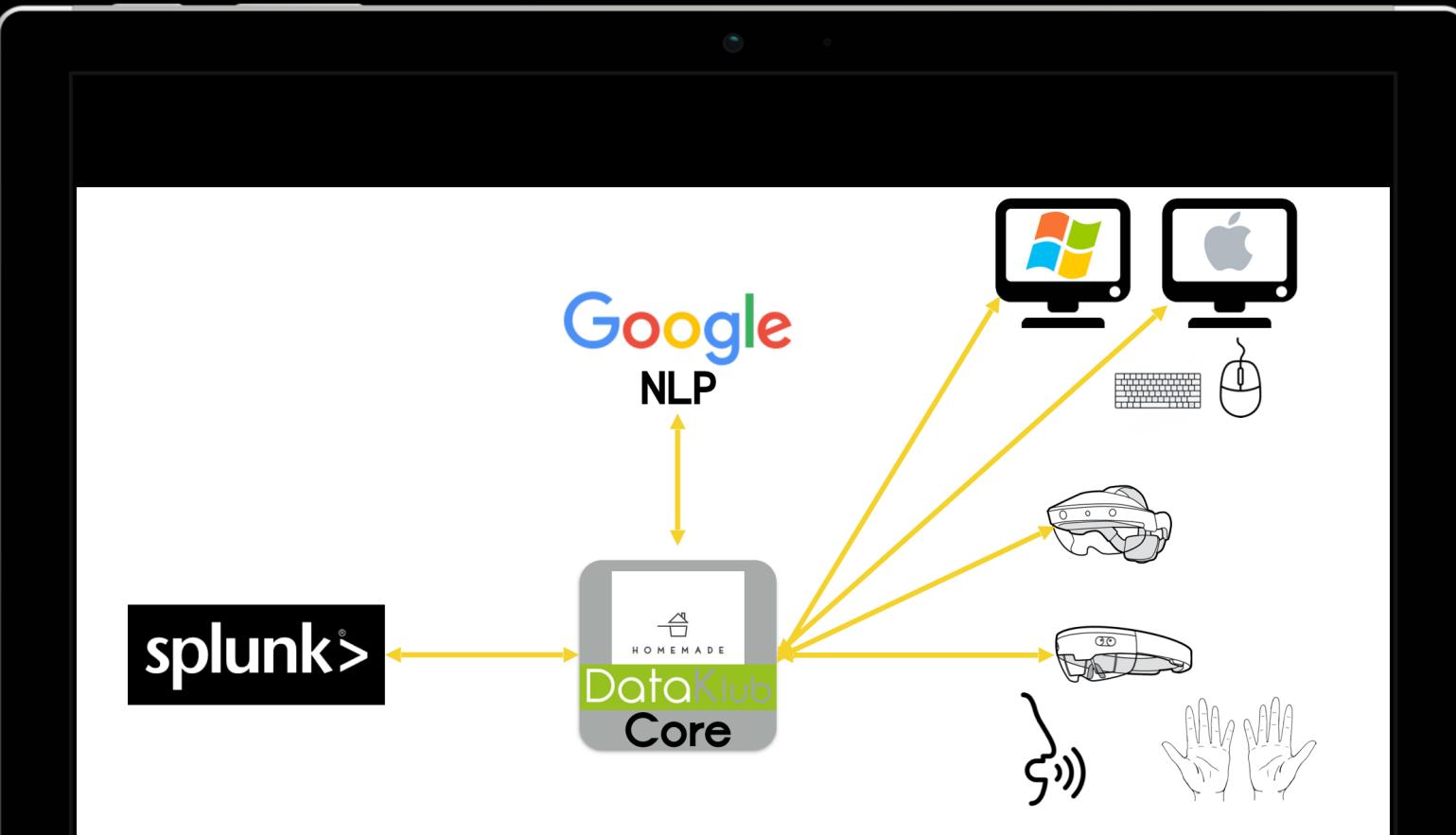
# Augmented Reality

An other way to interact with your Data



# DataKlub Immersive Analytics Solutions

Our Prototype today



- ▶ Request, Visualize, Manipulate data with voice and gestures
  - Share display in real-time between different devices
    - Record Videos
    - Take Photos
  - IA Assistants
  - Notifications

# “DataViz will be the next Challenge in short time ”

## How analyses billions data through thousands topics with simple view and interactions

# Next Features

**Agnostic solution to request any data sources and to be compatible with any AR/MxR/VR devices**

## “3D Libraries”

- **Custom for specific customers**
  - **Standard for dedicated use cases**

# “Deep Learning”

- *Mix-Reality*
  - *Auto-Display*

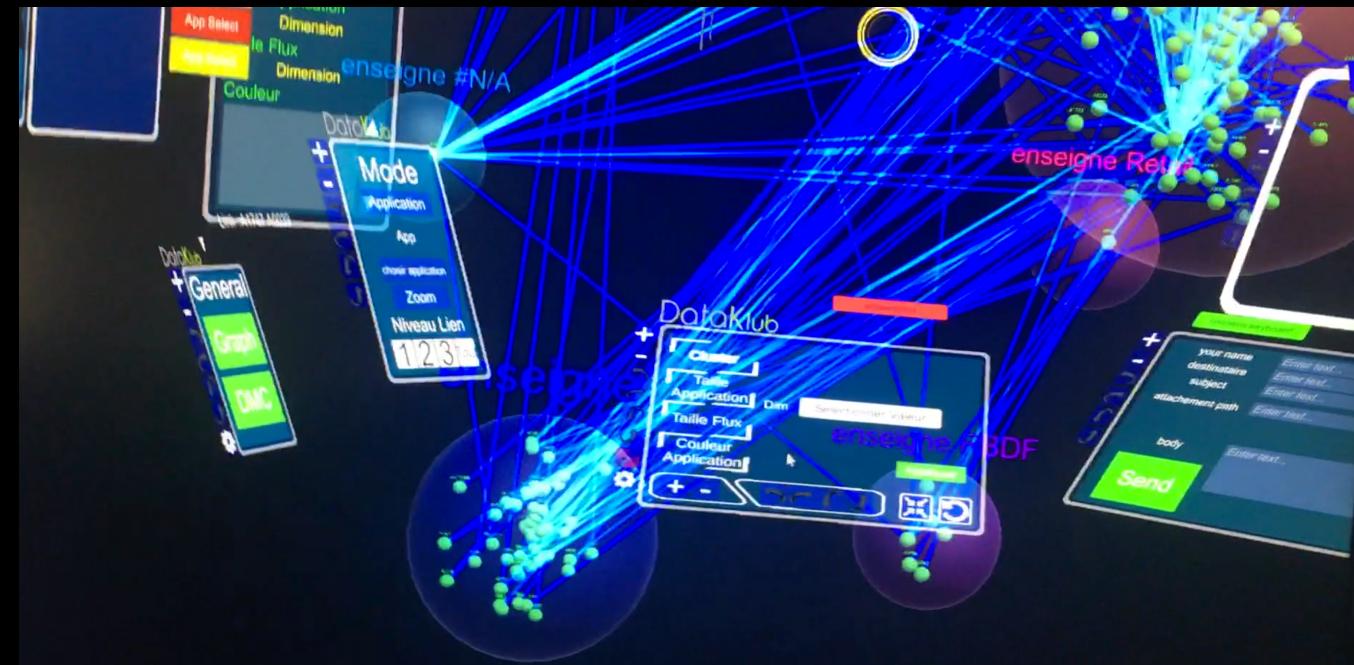
# “Stories Telling”

- How make accessible complex stuff through metaphoric visualizations for everyone

# 1st Use Case : Banking Applications Graph Link

**More than 200 applications and 700 Links**

- ▶ This display show the flow between banking applications
    - Custom display from splunk indexed data
      - Application Size
      - Application Color
      - Link Size
      - Cluster applications
    - Filter display
    - Zoom
    - Applications and Links Details
    - Share Collaborations



# What are the others use cases ?

- ▶ CyberSecurity
- ▶ Industry 4.0
- ▶ IT Monitoring
- ▶ Training
- ▶ HealthCare
- ▶ Remote Maintenance
- ▶ Trading Desktop
- ▶ IT Ops
- ▶ etc ...
- ▶ All Splunk use cases

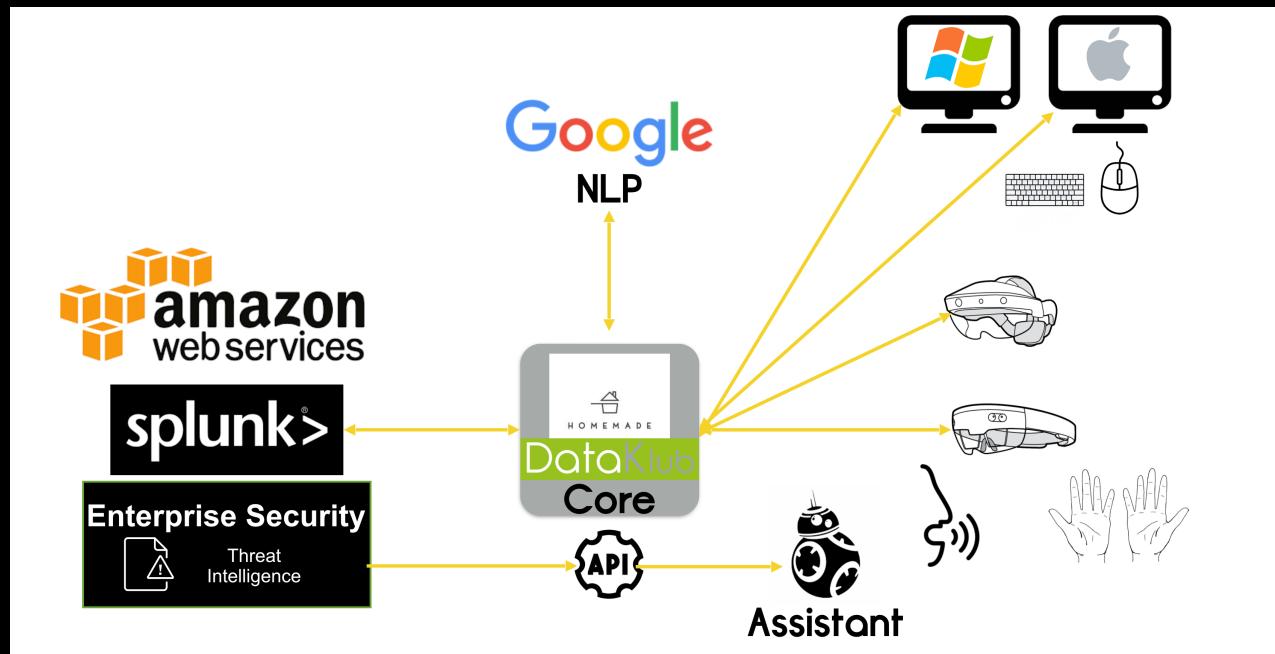
# Immersive Analytics Demo

## Splunk Enterprise Security - Share Collaboration

# Immersive Splunk Enterprise Security

# IP Adress graph links

- ▶ Access Brut Force detected by ES
    - Alert transmit to the Core
      - IA Assistant warn us
        - Focus on the target and show details

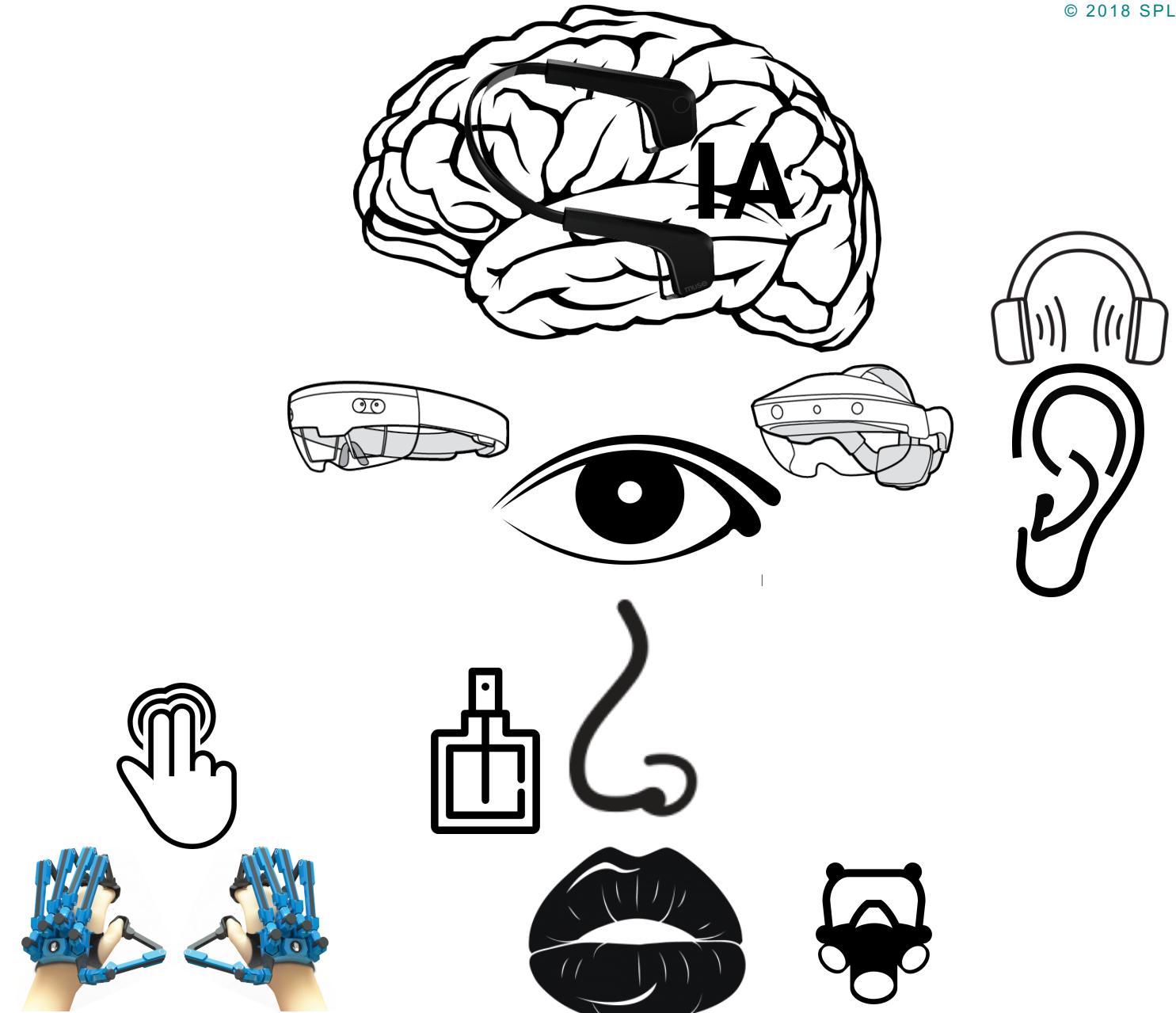


# “Let’s Go!”



# What's Next ?

Use all your senses !



“Immersive Analytics coming soon on the market (2019) ”

Want to be customer pilot, contact us !

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# Q&A

**Alibelli Tony | CEO-CTO  
Seveur Olivier | Big Data Engineer**

# Thank You

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