



Together we enable the  
**connected  
future**







# Where in the world is my 'X'?

Event-driven geolocation with NTT MAP and Cisco MazeMap



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How we help you

# Locate your assets

Working with organizations around the world,  
we achieve business outcomes through intelligent technology solutions.

Near-real-time geolocation is worldwide at grasp.

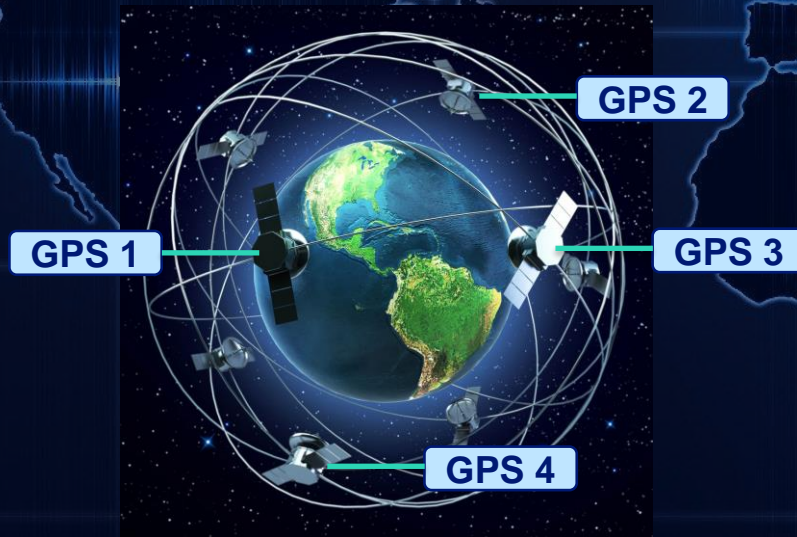
## Why is it relevant?

Across industries, location data has established a proven track record of success in optimizing performance, profit, maintenance, safety, customer experience, and many more.

Higher Education  
Telecommunications  
Finance & Insurance  
Construction  
Manufacturing  
Real Estate  
Fitness & Health Care  
Retail Industry  
Shipping & Logistics  
Nonprofits



# Determining your GPS position



Signal theory?

Trigonometry?

Special relativity?

General relativity?

No Problem!

Nowadays, modern endpoint devices are already equipped with **powerful location determination algorithms**.

Defining the process of

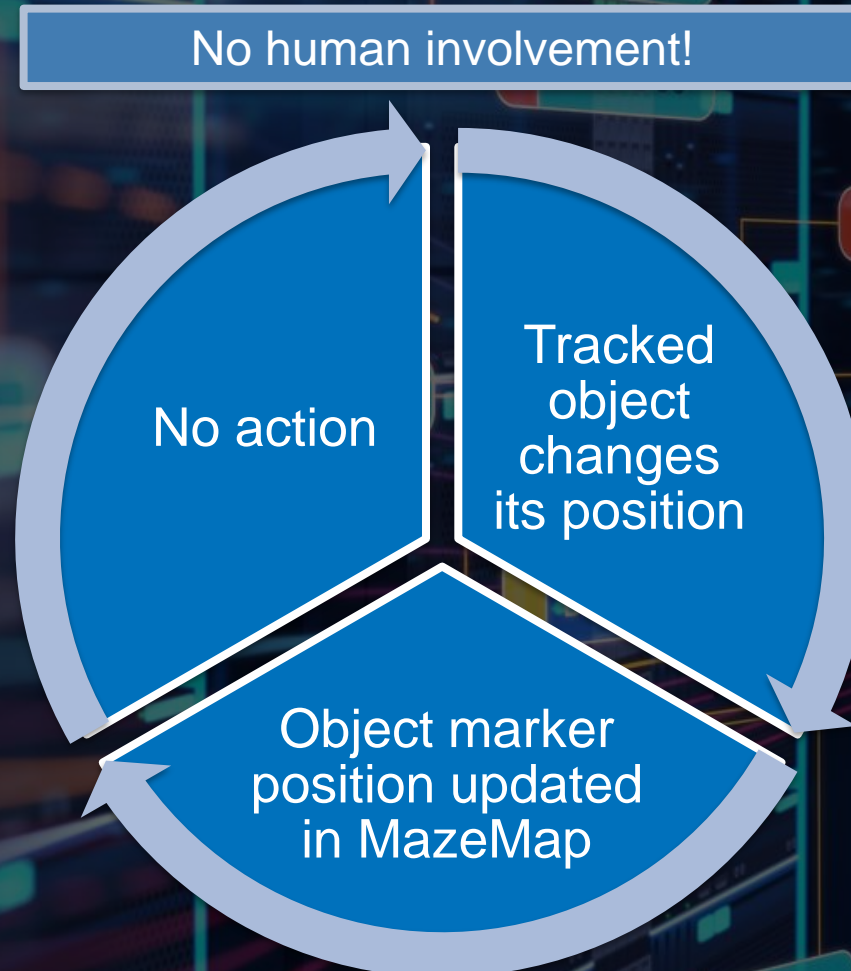
# Event-driven automation





Defining the process of

# Event-driven geolocation



# Introducing NTT Managed Automation Platform

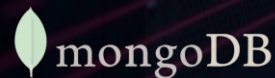
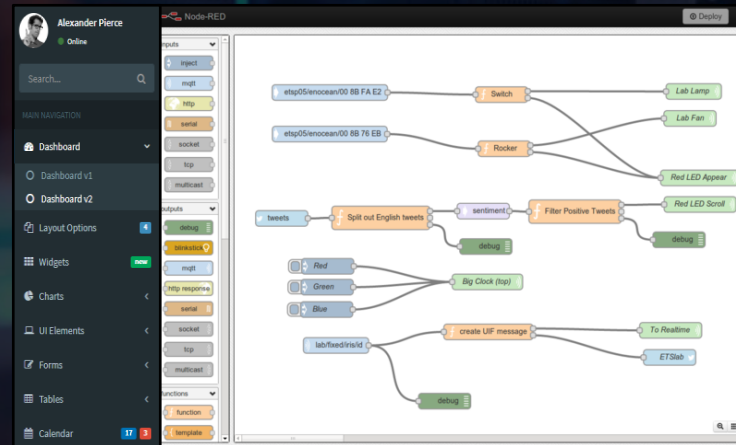


## Automation Triggers

**Event-driven automation**  
(Background process)

**User-driven automation**  
(Graphical User Interface)

## MAP Components



## Target Systems



And many more...



# MAP & MazeMap Polling

## Backend

GPS data  
source  
generates event



MazeMap servers ready to serve



MAP Process it  
and stores it in a  
DB



## My Polling APP

APP user wants  
to locate its "X"



APP requests MazeMap



APP **requests**  
position



APP represents position in  
MazeMap (markers)





# MAP & MazeMap PUB/SUB

## Backend

GPS data  
source  
generates event



MazeMap servers ready to serve



MAP Process it  
and stores it in a  
DB



## My Polling APP

APP user wants  
to locate its "X"



APP requests MazeMap



APP  
**subscribes** to  
position



APP represents position in  
MazeMap (markers)



# Demo

## Exemplary GPS data source

(Microsoft GeoLife Trajectory Dataset)

## Minimalistic MAP prototype

for processing position changes

## Web frontend prototype

to represent the Cisco MazeMap with real-time geolocation data





**NTT**

**Together we do great things**

