



FIND YOUR WAY  
INDOORS

B2B MOBILE BASED SERVICES FOR  
**INDUSTRY 4.0**

*Nextome is a software technology company born with global ambition. Since our first steps, we have travelled around the world to benchmark and improve our technology, meeting potential customers and participating in international competitions.*

## AWARDS



Nextome's Domenico Colucci awarded Innovators Under 35 of the Year by MIT Technology Review.

(Jun 2018)



Young Web Entrepreneur of the Year by European Commission & Seal of Excellence – SME Instrument

(Nov 2017)



City Award at Young ICT Leaders' Forum for BUSAN Metropolitan

(Set 2016)



## PROBLEM

In today's working environment everything is interconnected. Computers communicate with machines and other objects. Thus, human-machine collaboration, as well as the human-human collaboration, need simple and effective solutions to realize the vision of a connected workplace.

To ensure a smooth production process the manufacturing managers need to know the specific real-time location of specific workers and assets. Nowadays, smartphones and other devices such as tablets enable cost-effective solutions.

## SOLUTION

- The patented Nextome indoor location and navigation system is designed to be integrated into an existing mobile application effortlessly.
- A customized app can be developed with the patented Nextome indoor location and navigation system with additional features.

## BENEFITS

- Real time tracking of assets and workers
- Customizable notification system to contact specific employees
- Location data export to other applications

## FEATURES

The patented Nextome indoor positioning and navigation technology includes plenty of features that provide multiple appealing benefits for the user.



### SEAMLESS INDOOR-OUTDOOR POSITIONING

Integrates GPS to switch on outdoor maps when the user goes on an external area.



### BUILDING AND FLOOR RECOGNITION

Computes the exact location within the building.



### LOCATION-BASED EVENT

Throws an event when the visitor enters a defined area.



**TARGETED EVENT** - Throws an event when visitor enters predefined area and user profile matches predefined criteria.



**REAL-TIME MONITORING** - Detects a device in real-time in order to locate a specific user or find a user in a specific location to react to an event.



**SHARE LOCATION WITH CONTACT** - If integrated with the contact management system and social networks Nextome allows users to share their current location.



### DATA COLLECTION OF GEO-REFERENCED POSITIONING DATA

Collects, aggregates and stores the calculated positions to provide analytics.



**NAVIGATION** - Detects a device in real-time in order to locate a specific user or find a user in a specific location to react to an event



### POI INFORMATION VISUALIZATION

Searches a Point Of Interest and displays its content, description and location.



**WORKFORCE AND ASSET TRACKING** - Tracks employees and assets for various reasons such as service purposes, maintenance, availability and security.



### CROWDED ASSET TRACKING

Using the same infrastructure and SDK to locate assets provided with beacons.





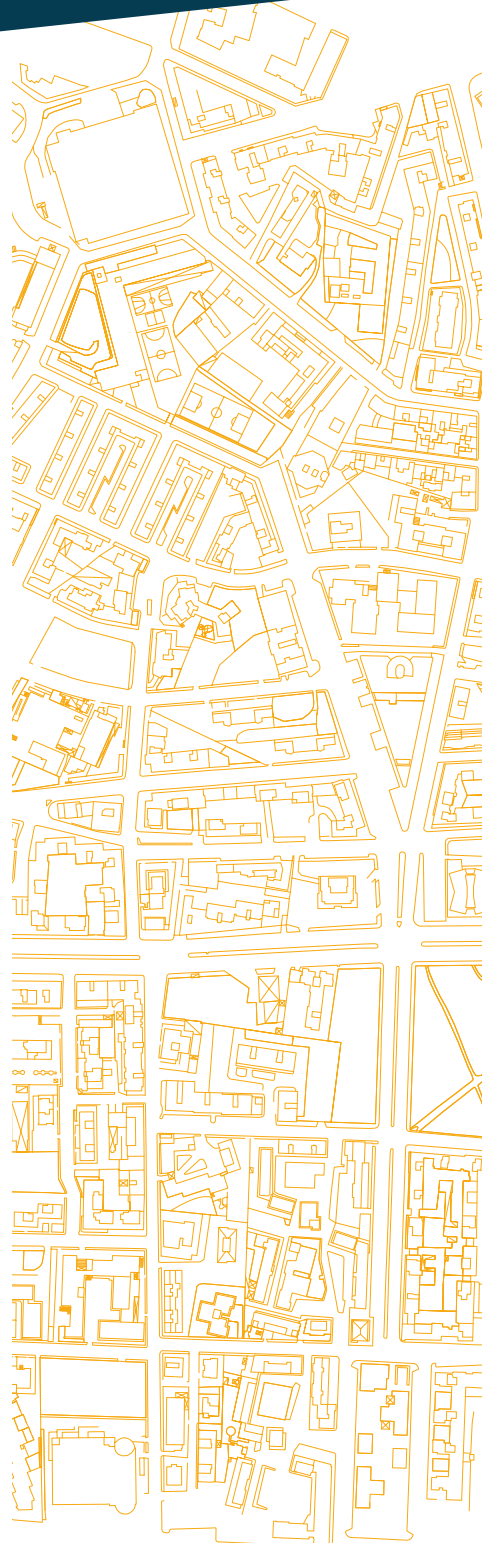
## ANALYTICS

Nextostats, the Nextome analytics service, stores and analyzes behavioral data of customers to provide heat maps and pedestrian flows. Moreover, it also gives insights into the number of visitors and the duration of their stay. The real-time tracking allows the administration to identify crowded and less crowded areas. The data is stored and available for subsequent analysis.

## PARTNERING AND INTEGRATION

Nextome qualified distributors and partners can develop stand-alone solution leveraging Nextome SDK and API or integrate Nextome technology features in existing solutions or applications.

The solution based on Nextome provides the partner with opportunities to sell several additional one-time and recurring services, including business consulting, UI/UX design, training, maintenance, content related, data related and communication services.



## INSTALLATION

The Nextome installation is composed by six phases.

- 1

**PHASE 1 - ENVIRONMENT ANALYSIS**

The Nextome team studies the environment (locally or remotely) to find the best Beacon density and distribution to achieve the customer requested accuracy, if possible, or the best accuracy in the given environment.
- 2

**PHASE 2 - MAP UPLOAD**

The Nextome team acquires the map(s) from the customers in CAD, PDF or image file and convert them in a format ready to use for mobile applications and web pages.
- 3

**PHASE 3 - GUIDELINES FOR THE INSTALLATION**

The Nextome team provides the Beacons required for the deployment, a map with the position where to attach them, guidelines for the installers and an app for the automation of the registration on the Nextome CMS.
- 4

**PHASE 4 - SDK**

The Nextome team provides SDK for iOS and Android. The SDK include version control for the data inserted on the CMS, the localization engine, the routing algorithm for the navigation, the listeners for the events and access to the data of the venue (ex. POI).
- 5

**PHASE 5 - CONTENT MANAGEMENT**

Every venue mapped by Nextome can be managed by the Nextome web CMS or the Nextome API. Both enable the user to manage (add, edit, delete) beacons, POI, events, but also maps and data about the venues as well as provide access to the venue analytics dashboard.
- 6

**PHASE 6 - GET VISITORS STARTED**

Offer visitors to download the app with the help of QR-codes.







## THE COMPANY

Nextome is a software technology company born with global ambition.

Since the first steps, we have travelled around the world to benchmark our technology meeting potential customers and participating in international competitions. Having observed that mobile smartphone users are most of the time active in indoor closed spaces, we have focused our efforts on developing specific indoor solutions.

Our flagship patented technology is an Indoor Positioning and Navigation System. We are currently extending our offering with additional indoor-specific products.

## MANAGEMENT TEAM

### VINCENZO DENTAMARO

degree in Computer Science, previously worked in IBM and Johnson Controls as Software Engineer and Data Scientist. Indoor Navigation specialist.

### DOMENICO COLUCCI

degree in Computer Science. Named Young Web Entrepreneur of the Year 2015 by European Commission.

### GIANGIUSEPPE TATEO

degree in Computer Science, worked as Software Engineer having experience as db administrator.

### MARCO BIOCCHI PICHI

MBA, degree in economics, professional career in ICT including Ernst&Young consultant, EDS Booz Allen Hamilton ITG (Professional Excellence Award, 2004).



## DISCOVER MORE AT

[www.nextome.net](http://www.nextome.net)



e-mail: [info@nextome.net](mailto:info@nextome.net)

Phone: +39 080 880 69 15



### Nextome SRL

Via S. Francesco, 31  
70014, Conversano  
ITALY



### Nextome c/o GTEC

Akazienstraße 3A  
10823, Berlin  
Germany

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with love

