# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>COPYRIGHT INFORMATION</td>
<td>1</td>
</tr>
<tr>
<td>WHAT IS ViZix?</td>
<td>2</td>
</tr>
<tr>
<td>RESOURCES</td>
<td>2</td>
</tr>
<tr>
<td>GETTING STARTED</td>
<td>2</td>
</tr>
<tr>
<td>CONTROL TAB (1)</td>
<td>3</td>
</tr>
<tr>
<td>MONITOR TAB (2)</td>
<td>5</td>
</tr>
<tr>
<td>FACILITIES TAB (3)</td>
<td>5</td>
</tr>
<tr>
<td>REPORTS TAB (4)</td>
<td>7</td>
</tr>
</tbody>
</table>
COPYRIGHT INFORMATION

All documentation content, including text, graphics, logos, images, and video clips, is the exclusive property of Mojix or its content suppliers and is protected by U.S. and international copyright laws.

COPYRIGHT NOTICE

Copyright 2017 Mojix, Inc. All Rights Reserved.

GENERAL DISCLAIMER

The information in the Guide is subject to change in current and future releases. Contributions of material, suggestions and corrections are welcome.

Contact us: vizix-marketplace@mojix.com
This is a quick guide to set you up for immediate use of the ViZix software within your company.

**WHAT IS ViZix?**

ViZix is an IoT business intelligence platform designed to integrate sensor data, reporting and visualization options, creating a truly agile connected business.

**RESOURCES**

Refer to the complete [User Guide](#) for detailed information about ViZix.

**GETTING STARTED**

1. Once the app starts you’ll receive the welcome screen, type in the user and password provided after the installation and click in the Login button.

2. If the operation was performed correctly, the following screen will appear.
CONTROL TAB (1)

The control Tab has the following options

- **Things**: In ViZix, Things are instances of the Thing Types in which the properties to be registered in the platform have been previously defined (UDFs). This option allows you to view, create and edit Things. When creating a new Thing, these properties take specific values that define the Thing.

- **Thing Types**: A Thing Type could be understood as the template where the properties of a set of Things are defined and with which each Thing will be registered later in the platform. This option
allows you to view, create and edit Thing Types. When creating a new Thing Type, it is possible to choose from 10 pre installed templates or create a custom Thing Type.

c. **Users:** ViZix installation comes with two default users:
   - Root user. This user has full control and access to all the platform tools. This user is also able to create as many users as the company requires. Moreover, the user gives access to the tools considered as required to be used for any other users.
   - Tenant user. This user has administrator control; moreover, this user has the same privileges than the root user except for the creation of other tenant users.
   This option allows you to view, create and edit Users.

d. **Tenant Groups:** Tenant Groups are created to share a common level inside the company’s structure. This option allows you to view, create and edit different Tenant Groups.

e. **Tenant Group Types:** Tenant Group Types are created to define the structure of a company. It is important to have the structure of a Company previously defined in order to create a hierarchy, that is why Tenant Group Types must be created before creating Tenant Groups.

f. **Roles:** Roles are used to granting permissions to various functionalities inside ViZix. A role is basically just a collection of resources (permissions) that defines a function; when a role is assigned to a user, the user receives all the resources defined by the role. So, to use a role, it is necessary to assign members to it and define the resources you want to grant to members of the role.

g. **Resources:** A resource in ViZix is any significant module or option that could be limited or granted to be used to any specific role or user. This option shows the list of resources assigned to a user as well as their components and the permissions assigned to each resource. The user can rename the label, and keep the Internal Name as a reference.

h. **Import & Export:** This option allows you to Import and Export from and to a CSV file the following.
   - Things.
   - Thing Types.
   - Thing type Properties.
   - Users.

i. **Bridges & Rules:** The platform works mainly with two bridges: The Core Bridge and the ALE Bridge. These bridges work to communicate the platform (software) with the physical parts (hardware) that are used to receive coded messages from the things. With this option, it is possible to condition the received codes with certain events.

j. **Shifts:** This option allows you to create, edit and view different shifts for different users. A 24-hour-shift pattern is created to define user’s working schedules 24 hours per day starting any time of the day or night (not only 9 to 5). In addition, configure the zones where the user will be working, so if the user is accessing to a different zone in hours outside established working hours, an alert will be fired.

k. **Connections:** This option allows you to connect the platform with external systems such as: Mongo, MySQL, SQL Server, Mosquitto, the ViZix REST API, FTP Server, etc.; and consequently have both systems working together.
ViZix QUICK START GUIDE

I. License: Before ViZix can be used, the license file must be imported, this option allows you to install a license file provided by Mojix.

m. License Generator: This option allows you to create different license files.

MONITOR TAB (2)
The Monitor Tab has the following options:

a. Health and Status: The Health and Status dashboard gives the users the ability to monitor information about the performance of the platform including ViZix services and Bridges performance; this monitoring is performed based on the information of the server where ViZix is installed.
b. Logs: This option allows the user to set up the information to be stored within the different logs.

FACILITIES TAB (3)
A facility can be a Company, a store or any place with a location in a map. The Facilities Tab has the following options:
a. **Zone Builder:** This option allows managing a facility map by creating, editing or deleting zones graphically inside the map.

b. **Zones:** This option allows you to create and edit Zones for a specific Tenant Group; the longitude and latitude of the zone must be entered manually.

c. **Zone Types:** This option helps you to create and classify the zones by defining attributes for a specific zone (e.g. a safe area).

d. **Zone Groups:** This option allows you to create and associate zones by groups in order to check what there is inside every zone group.

e. **Facility Maps:** A Facility Map is the map belonging to the company created as a Tenant Group. Based on the creation of a Facility Map, most of the other options in the configuration of the Things will be handled.

f. **Logical Readers:** The logical reader defines in and out points. Logical readers are created based on two main events:
   - **DDD:** This registers who or what gets into and gets out of a zone and exit of a zone
   - **RTLS:** This registers the system location (x,y,z) in real time.
ViZix allows managing and controlling the information of the Things configured in the platform through different reports available in the platform. Those reports types are the following:

- Map
- Zone Map
- Table Detail
- Table History
- Table Summary
- Table Script

Additionally, the Table Summary, Table Detail and Table History reports types allow using different charts that represent the information displayed in the report in a graphical mode. The type of charts available in these reports are the following:

- Line Charts
- Area Charts
- Column Charts
- Bar Charts
- Scatter and Bubble Charts
- Pie Charts
- Polar Charts
- Combined Charts
- Special Charts