```
<aixm:name>PETRONAS TOWER</aixm:name>
<aixm:type>TOWER</aixm:type>
<aixm:lighted>YES</aixm:lighted>
<aixm:markingICAOStandard>OTHER</aixm:markingICAOStandard>
<aixm:group>YES</aixm:group>
<aixm:part>
    <aixm:VerticalStructurePart gml:id="C1F1ED07-0448-46B9-A2A0-D66F49F24D77">
        <aixm:VerticalExtent uom="FT">1483</aixm:VerticalExtent>
        <aixm:designator>20834728</aixm:designator>
        <aixm:horizontalProjection_location>
            <aixm:ElevatedPoint gml:id="C1F1ED07-0448-46B9-A2A0-D66F49F24D77" srsName="urn:ogc:def">
                <gml:pos>3.158139 101.712417</gml:pos>
                <aixm:elevation uom="FT">1700</aixm:elevation>
                <aixm:verticalDatum>EGM2008</aixm:verticalDatum>
            </aixm:ElevatedPoint>
        </aixm:horizontalProjection_location>
    </aixm:VerticalStructurePart>
</aixm:part>
```
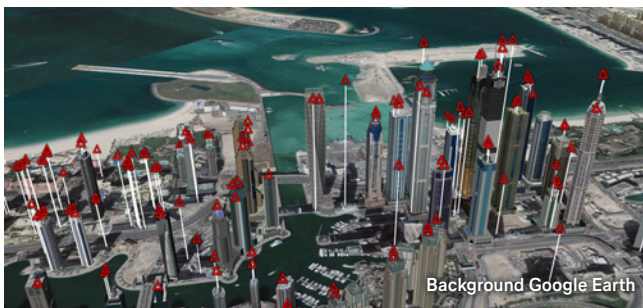
Standardized database containing over 2 million obstacles worldwide

Lido Surface Data Obstacles

Increase the safety of your operations with our certified data. Our obstacle database includes **over 2 million obstacles** globally and is continuously growing. Each obstacle is described with more than 60 attributes allowing for an accurate analysis.

The Lido Surface Data Obstacles include **enroute and aerodrome obstacles**, such as towers, high antennas and cranes, as well as natural features when published by the authorities.

Background Google Earth

Obstacles over Dubai

Key benefits & features

Worldwide Coverage
Standardized database containing more than 2 million obstacles around the globe

Detailed Information
Extensive metadata characterizing every obstacle in detail with more than 60 attributes

EASA Certified
Fulfills all relevant industry standards and is certified according to EASA Service Provider Certificate Type 1

Various Export Formats
Database allows for obstacle exports in various formats: CSV, ESRI Shapefile and AIXM 5.1

Up-to-date
Database updated every AIRAC cycle

Reliable Sourcing
Collection of obstacles published by authoritative sources

Worldwide Coverage

Basemap: Esri World Imagery Firefly

Reliable sourcing and coding

Obstacles in our database are **extracted from authoritative (official state) sources**, such as Aeronautical Information Publications (AIPs), electronic Terrain and Obstacle data (eTOD), and NOTAMs.

Every AIRAC cycle, state authorities publish thousands of obstacles that come in various formats and publications from all around the world. To import and store all provided information in a generic data format, standardized coding rules are applied. These also include the georeferencing of published charts to extract the depicted obstacles on them. **Quality checks performed throughout the coding process ensure the quality and correctness of the database.**

Various use cases

The generic database design, flexible filtering possibilities and various export formats ensure that the data can be used for a variety of systems and applications, including:

- terrain awareness and enhanced ground proximity warning systems (TAWS, EGPWS),
- synthetic/enhanced vision systems (SVS, EVS),
- aeronautical charting,
- performance calculations,
- flight planning,
- drone operations and drone planning,
- procedure design,
- and many more.

→ For more information please contact
marketing@LHsystems.com