

SENKEN-TECH

Warning System For Tsunami



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Monitoring System

1

The existing monitoring system comprises a network of ocean buoys and sensors designed to detect underwater earthquakes and potential tsunamis. These sensors can be connected to a Senken-Tech's siren or monitoring station, transmitting the collected data to the central control centre for analysis and response.

The Electronic Sirens

2

Senken-Tech sirens provide extensive coastal coverage with powerful warning signals that remain clearly intelligible even when broadcasting voice messages. They deliver acoustic alerts before a disaster occurs, and after it has passed, voice messages can be used to coordinate affected populations and support rescue operations. Each siren can be activated individually or as part of a group, with control available both locally and remotely from the control centre. Thanks to their solar power supply, Senken-Tech electronic sirens operate independently without the need for an external power source.

Control Center

- 3 Equipped with the Senken-Tech control panel and software, the control centre automatically activates warnings during emergencies. The system is fully secured and backed up, and can also be initiated for other emergency or disaster situations.

Communication Infrastructure

- 4 The communications infrastructure ensures reliable connectivity between the control centre and other warning, monitoring, and notification systems. At the same time, it enables seamless integration and interoperability with third-party systems.

Responsible Persons/Responders

- 5
 1. Notifies users of an emergency situation via phone call or text message.
 2. Enables personnel to be urgently summoned to offices or dispatched to rescue operations.

Advantage of Senken Tech's Solution

1. Timely warning before seismic impact
2. Wide coverage with a powerful, penetrating warning tone
3. Automatic assessment and activation of warnings and alerts
4. Smart operation with silent testing, remote self-diagnostics, and connectivity to third-party systems
5. Completely independent during power outages



Delivers notifications through visual signals and sound alarms.



Ensures response within the pre-set time of operational personnel.



Enables automatic activation of electronic sirens and notifications.

DANGER TSUNAMI



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