Awards & Recognitions (Local and International)

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2023 BCYF Innovation Awards Grand Winner (Benita & Catalino Yap Foundation)

2022 ASIA CEO Awards: Technology Company of the Year

2022 Science for the People Awards on Outstanding Technology Commercialization (DOST)

2021 OPHIR, 1st Place Winner: Earthquake and Structural Health Monitoring Assessment and Evaluation System

2021 Outstanding Technology Commercialization Award Gregorio Y. Zara Medal (NAST-DOST)

2020 Global Innovation Challenge Winner: Number 1 Spot out of 25 finalists - 600 entries out of 100 countries (UNOPS)

2020 Kabalikat Researcher Award (DOST-PCIEERD)

2020 David M. Consunji Award for Engineering Research (PhilAAST)

CAFEO37: 2019 ASEAN Federation of Engineering Organisations Winner of the ASEAN Outstanding Engineering Achievement Award

2019 Winner of the Manila Water Foundation Prize for Engineering Excellence (Manila Water Foundation)

2019 Winner of the World Summit Awards 2018 in the category "Smart Settlements and Urbanization" (Lisbon, Portugal)

2019 Outstanding R&D Awards: Special Concern Category (DOST-PCIEERD)

SCAN ME

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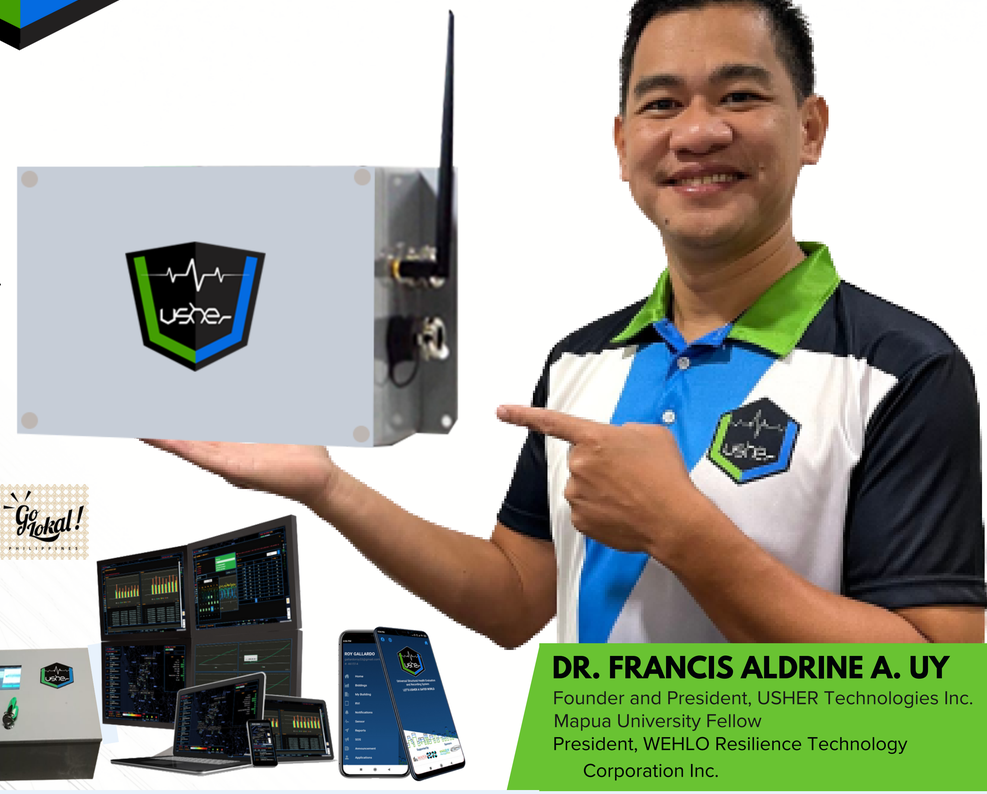
USHER TECHNOLOGIES INC.

"USHERing a safer world."

Tested in the following internationally recognized laboratories.



DR. FRANCIS ALDRINE A. UY
Founder and President, USHER Technologies Inc.
Mapua University Fellow
President, WEHLO Resilience Technology Corporation Inc.

The one and only Filipino-made Earthquake Recording Instrument (ERI).

USHER ERI-MAX

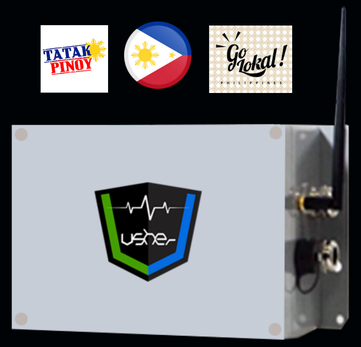
The Leading Structural Health Monitoring System

Discover USHER-ERI Max: Shaping the Now and Future of Earthquake and Building Safety

Join the innovation journey with USHER-ERI Max, a groundbreaking system for monitoring the safety of buildings, bridges, and vital infrastructure. Our advanced accelerograph and user-friendly web portal set new industry standards, surpassing DPWH guidelines while meeting international norms. Remarkably, it's the world's only Filipino-made ERI and SHM solution.

Tested in the following internationally recognized laboratories.

A research product commercialization project of: MAPUA UNIVERSITY



Introducing USHER ERI Max: Pioneering Structural Health Monitoring

USHER ERI Max is the present and future of earthquake and structural health monitoring for vital infrastructure. Going beyond DPWH guidelines and global standards, USHER offers an advanced accelerograph and web portal system.

Effortless Compliance, Profound Insights

With the USHER 24/7 web portal and mobile app, developers, building owners, and local government units gain control over condition-based maintenance. Our cutting-edge analytics and visualizations simplify structural integrity monitoring and enhance compliance, all while remaining cost-effective. Fueled by AI and Machine Learning, we're setting new benchmarks in structural health monitoring.

Future-Proof Structural Integrity

Choose USHER ERI Max for a comprehensive, efficient, and innovative solution. Our cutting-edge technology ensures safety, compliance, and a resilient future. Proudly Filipino-made, It's the world's leading SHM technology.

Discover the future of structural health monitoring. Contact us today. Let's build a safer tomorrow, together.

USHER MONITORED BUILDINGS: TOP PICKS

QUEZON CITY
- Ali Mall
- Prima Residences
- Triumph Building
- Trinity University of Asia
- Philippine Science High School
- CIIT Main

CITY OF MANILA
- ETY Building
- Mandarin Square Condominium
- Mapua University, Intramuros
- Malayan High School Science
- Rizal Park Hotel
- One Taft Residences
- A.T. Yuchengco Centre

PASIG CITY
- The Malayan Plaza
- Mamasita A&B

MAKATI CITY
- Globe Valero Telepark
- Valero Grand Suites
- Export Bank Plaza

MANDALUYONG CITY
- San Miguel Properties Centre Condominium
- Premier Heights

TAGUIG CITY
- St. Lukes Medical Center BGC

ANTIPOLO CITY
- De La Salle College of Saint Benilde

CALOOCAN CITY
- Avida Clover Leaf
- MCU Hospital

ALABANG
- Cityland Incorporated

NAGA CITY- BICOL
- Nueva Caceres

ILO-ILO CITY
- Ayala Ilo-ilo Techno-Hub
- Stronghold
- Enterprise One

CAGAYAN DE ORO
- Mesaverte Tower 1, 2 & 3

BACOLOD CITY
- Citidines

CARRANGLAN, NUEVA ECIJA
- Municipal Hall

BATAAN
- City Hall of Balanga, Bataan

TACLOBAN CITY
- City Hall

CABUYAO LAGUNA
- Cabuyao City Hospital

SAN PEDRO LAGUNA
- San Pedro Laguna City Hall

STA. ROSA LAGUNA
- Zadia Tower 2 Greenfield District

CALAMBA LAGUNA
- Greencross
- RLX Warehouse

CEBU CITY
- Ebloc 3 & 4 Cebu IT Park
- Toyota Cebu
- Globe Cebu
- Cityscape Tower 2
- Citi Park Hotel
- Mivela Garden Residences
- Mezzo Hotel
- Robinson Fuente
- Cybergate
- Chong Hua Hospital

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DEVICE SPECIFICATIONS

PATENT PENDING — INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

	DPWH REQUIREMENT	USHER SPECIFICATIONS	REMARKS
ACCELEROGRAPH	Seismic qualified as tested by recognized international testing laboratory	Seismic qualified as tested by recognized international testing laboratory	Compliant
SENSORS MUSTBE CAPABLE/ EQUIPPED OF:	Stores seismic activity information as gathered by the attached accelerometer	Stores seismic activity information as gathered by the attached accelerometer	Compliant
	Equip with fault detection	Equipped with three fault detection 1) recording activity checker 2) internet connectivity 3) accelerograph status monitoring	Compliant
	Provides real-time alarm information (either audio, visual or both) during an earthquake event	-Provides real-time alarm information (either audio, visual or both) during an earthquake event -Equipped with a buzzer and three rotary warning lights which activates during an Earthquake event. -Furthermore, alerts during seismic activities are also available on the USHER portal.	Compliant
	Equipped with internal battery back-up power to ensure continuous operation during a power fluctuation	Equipped with internal battery back-up power to ensure continuous operation during a power fluctuation	Compliant
WHERE APPLICABLE, MAY INCLUDE	**Minimum design life:** 10 years and should be demonstrated and certified to have a 40,000-hour (minimum) mean time between failures	**Minimum design life:** 10 years and have been tested and certified to have a 40,000-hour (minimum) mean time between failures	Compliant
	Minimum of 3 components (vertical, longitudinal, and transverse)	Minimum of 3 components (vertical, longitudinal, and transverse)	Compliant
	Natural Frequency: above 50Hz	**Natural Frequency:** above 50Hz	Compliant
	Damping: Approximately 60-70 percent critical	Damping approximately 60-70 percent critical	Compliant
	Sensitivity: 2g	**Sensitivity:** User selectable (± 2g, 4g, 8g) (Default: 2g)	Compliant
	Bandwidth: DC to 100 Hz	**Bandwidth:** User selectable (DC to 1000Hz)	Compliant
	Environment: IP67	Environment: IP67	Compliant
RECORDING	**Sampling Frequency:** Minimum of 100 samples per second	**Sampling Frequency:** User selectable (4, 8, 16, 31, 62.5, 125, 250, 500, 1000, 2000, 4000 Hz) Current setting is at 125 samples per second	Compliant
	Time: From at least 20 seconds before the ground shaking begins until 30 seconds after the last triggering level motion	**Time:** From at least 20 seconds before the ground shaking begins until 30 seconds after the last triggering level motion	Compliant
	RMS Noise: System noise shall be less than 40 µg measured over 0-30 Hz.	**RMS Noise:** System noise shall be less than 40 µg measured over 0-30 Hz	Compliant
	Media: Memory Card	**Media:** Flash Memory Card **(32 GB upgradable)**	Compliant
	Continuous Recording: capable of continuous recording	**Continuous Recording:** capable of continuous recording	Compliant
	AD Converter: 16bits	**AD Converter:** 20bits (ERI Max model) 32bits (ERI Maximus model)	Compliant
TIMING	**Interval:** Half a second of less	**Interval:** Half a second of less	Compliant
	Accuracy: Plus or minus 0.2 second per 100 seconds	**Accuracy:** Plus or minus 0.2 second per 100 seconds	Compliant
	Type: GPS or NTP server	**Type:** GPS or NTP server	Compliant
TRIGGERING (As applicable)	**Method:** Pendulum or other device using earthquake motion as an exciting force	**Method:** Microelectromechanical systems accelerometer	Compliant
	Level: Accelerograph: 0.5-100 gals nominal velocitimeter: 5µm/s to 1mm/s)	**Level:** Accelerograph: 0.5-100 gals nominal velocitimeter: 5µm/s to 1mm/s)	Compliant
	Time: Full operation of accelerograph/velocity in not over 0.1 sec after activation.	**Time:** Full operation of accelerograph/velocimeter in not over 0.1 sec after activation	Compliant
POWER	Battery maintained by charger	Battery maintained by charger	Compliant
COMMUNICATION	**Ethernet:** 10 base-T or 100 base-TX	**Ethernet:** 10 base-T or 100 base-TX	Compliant
	Protocol: TCP/IP FTP/SFTP	**Protocol:** TCP/IP FTP/SFTP	Compliant
RECORDS	Continuous recording of data	Continuous recording of data	Compliant
BATTERY INSPECTION	The accelerograph shall be tested with any charge device disconnected from an electric power source	The accelerograph shall be tested with any charge device disconnected from an electric power source	Compliant
ADDITIONAL FEATURES		**FDAS Integration Ready** **24/7 Remote Data retrieval, interpretation, and storage through the USHER Platform (Web Portal)** **Structural Health Index based on parameters set** **Mobile applications accessibility**	EXCEEDS COMPLIANCE