# PDC's Advanced Technology Ecosystem
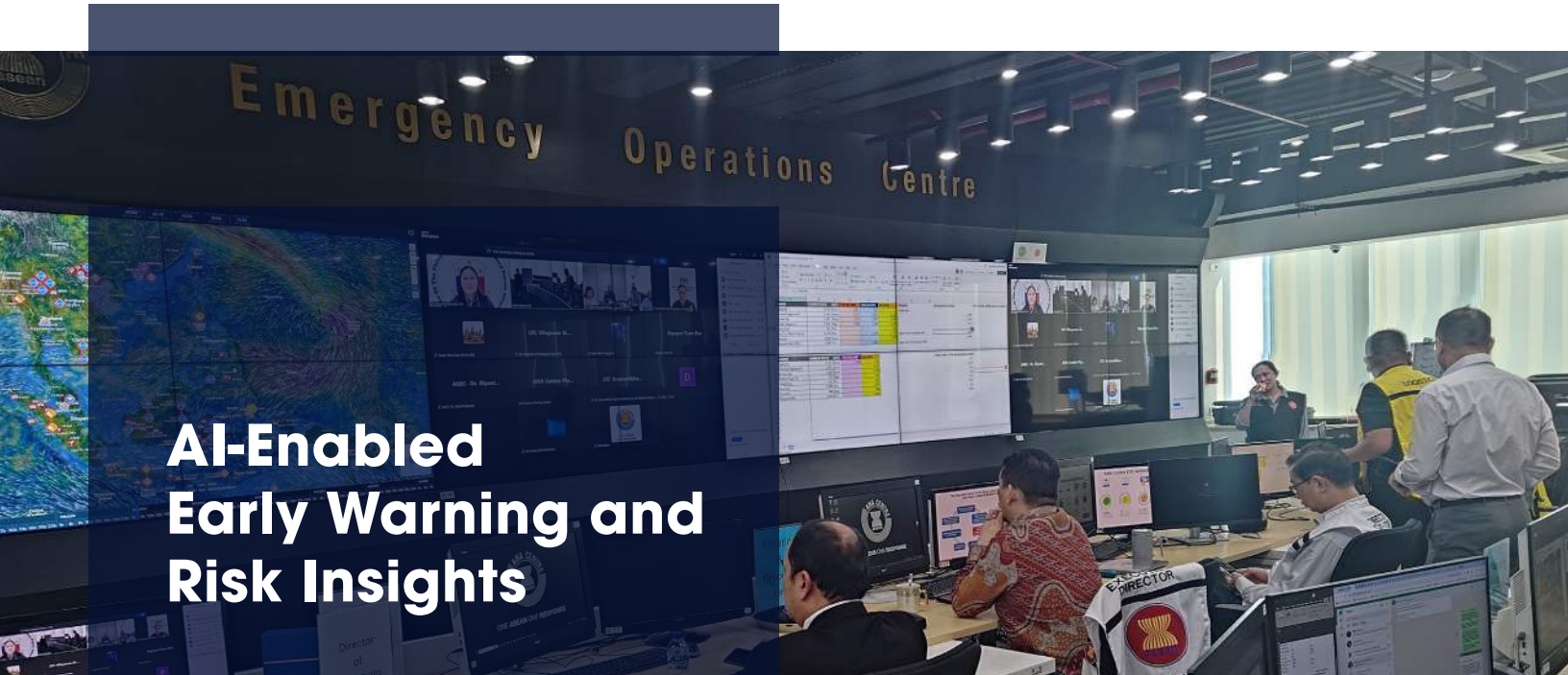
**AI-Enabled
Early Warning and
Risk Insights**

@PDCGlobal

# PDC Technology
# **Overview**

DisasterAWARE is the backbone of Pacific Disaster Center's (PDC's) technology ecosystem, powering integrated situational awareness solutions around the globe. The technology is built on an open system architecture to meet the unique demands of public and private sectors. The flexibility, scalability, and security offered by DisasterAWARE® is trusted by tens of thousands of decision-makers, analysts, and senior leaders worldwide for early warning, advanced risk analysis, training and exercises, and coordination of response operations.

Disaster
Alert

DisasterAWARE
Pro

Custom
Solutions

**AI for Humanity™**

9,000+
Validated
Datasets

AI Processing, Analysis, and
Visualization

## **Our Decision Advantage**

**AI-Enabled Insights:** PDC's vertically integrated AI for Humanity™ technologies help derive novel insights from pattern identification, unusual relationships, and complex trends at a scale and speed never before possible.

**Trusted Data:** Now more than ever, in operating environments where misinformation and disinformation are widespread, authenticated and verified data is essential.

**Global Scale:** Provides reliable, real-time hazard information for 29 types of natural and human-induced events taking place around the world.

**High-Powered Modeling and Analytics:** Visualizes complex, scientific data, translating it into quantifiable impacts to populations, critical assets, and more.

**Highly Secure:** PDC recognizes the critical importance of protecting sensitive data. Its cybersecurity framework aligns with NIST and ISO/IEC standards, as well as AICPA SOC 2 Trust Services Criteria and other risk management framework protocols under FISMA, FIPS 140-2 and DFARS.

# SOLUTIONS
## / Showcase

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**1** ▷

### Disaster Alert

![Get it on Google Play] ![Download on the App Store]

Disaster Alert is a free mobile app powered by DisasterAWARE for public and professional use. It provides alerts for 29 hazard types around the globe and is available for Android and iOS devices. The light Disaster Alert app can be used by disaster management professionals to login to and unleash the full power of DisasterAWARE Pro while on the go.

**3.2 Million** Downloads | **Hazard** Brief | **Rated #1** by Emergency Preparedness Pod

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**2** ▷

### DisasterAWARE Pro®

disasteraware.pdc.org

**The #1 award-winning early warning and risk intelligence platform trusted by disaster managers worldwide.**

DisasterAWARE Pro is a specialized software solution built on PDC's core DisasterAWARE technology backbone. The system is designed for disaster management professionals as well as partner nation capacity enhancement—enabling effective decision making and disaster management independence. DisasterAWARE Pro transforms real-time hazard data into actionable insights within minutes, providing AI-augmented hazard information and advanced analytics to anticipate, prepare for, and respond to the complete spectrum of global hazards with precision, speed, and confidence. DisasterAWARE Pro supports information sharing, risk analysis, and a unified, multi-agency approach to disaster response, planning, and preparedness.

**21,000+** Users | **Event Brief** Analytics | **9,000+** Datasets | **Supply Chain & Critical Asset** Risk Management

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# SOLUTIONS

## Showcase

### 3 ▷ Custom Solutions

Uniquely engineered for flexibility in diverse settings, PDC's core DisasterAWARE technology has been tailored to the individual needs of high-level stakeholders and national partners around the world. Learn more about some of the solutions we've developed below.

**Tens of Thousands** of Users

**Event Brief** Analytics

**9,000+** Datasets

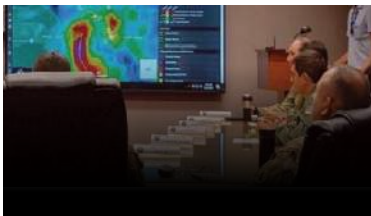**Supply Chain** Risk Management

**Force** Health

**Multinational** Exercises
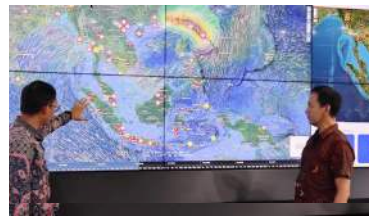
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### U.S. Government
RAPIDS



Providing actionable risk intelligence and information sharing for readiness, disaster response, and strategic support functions, RAPIDS serves as a core element for integrated situational awareness among U.S. government stakeholders.

### ASEAN
DMRS



The ASEAN Coordinating Centre for Humanitarian Assistance on Disaster Management (AHA Centre)'s Disaster Monitoring and Response System (DMRS) was developed in partnership between PDC and ASEAN. The system is powered by DisasterAWARE and supports 10 ASEAN nations.

### International Atomic Energy Agency



The International Atomic Energy Agency (IAEA), and PDC developed a customized alerting and real-time reporting system to notify IAEA about nuclear facilities and assets exposed to natural and human-induced hazards happening around the globe.

### Indonesia
InAWARE



InAWARE is Indonesia's national early warning system powered by DisasterAWARE and developed in collaboration with PDC. The system integrates national-level data about hazards and risks and facilitates improved coordination and planning among the archipelago's widely dispersed regional operations centers.

### Philippines
PhilAWARE



PDC and the Philippines collaborated on the development of the nation's first national early warning and situational awareness platform, PhilAWARE. The system is powered by DisasterAWARE and has been nationally institutionalized into the country's legal framework for disaster management.

### Balkans Region



Five nations within the Balkans have recently adopted DisasterAWARE technology for use in their national disaster management efforts, with further plans for custom solutions on the horizon.

**Contact Us**
Find out how our solutions can help you: info@pdc.org