Auto-Published Risk Events User Guide

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Everbridge, Inc.
155 N. Lake Avenue, 9th Floor
Pasadena, California 91101 USA
Toll-Free (USA/Canada) +1.888.366.4911

Visit us at www.everbridge.com

Everbridge software is covered by US Patent Nos. 6,937,147; 7,148,795; 7,567,262; 7,623,027; 7,664,233; 7,895,263; 8,068,020; 8,149,995; 8,175,224; 8,280,012; 8,417,553; 8,660,240; 8,880,583; 9,391,855. Other patents pending.

Introduction

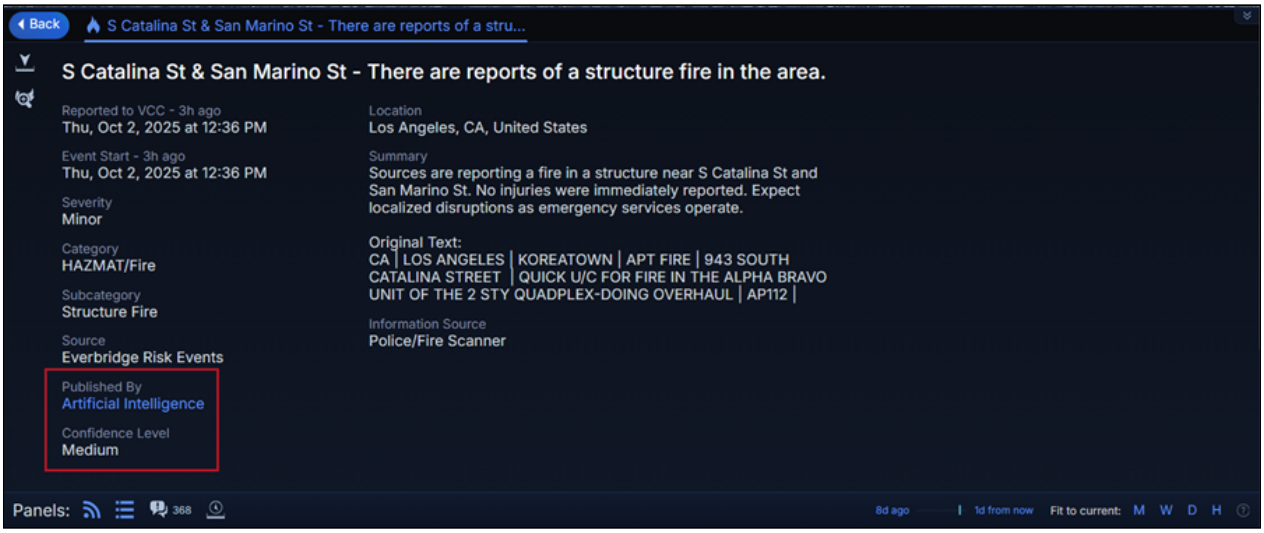
Auto-Published Risk Intelligence uses Everbridge's proprietary AI models and decades of expertise to deliver rapid, high-volume Risk Event Alerts. It complements analyst-validated intelligence, giving customers broader coverage and faster notifications of critical events.

Auto-Published Risk Intelligence

Auto-Published Risk Intelligence uses artificial intelligence to automatically generate Risk Events, including fields like Severity, Category, Subcategory, Title, Location, and Summary. These Risk Events are produced faster and in greater volume than traditional analyst-curated Alerts.

Where to Find Auto-Published Risk Events

Auto-Published Risk Events appear in the **Everbridge Risk Events** and **Everbridge Travel Risk Events** feeds. These Events will display as **Published By: Artificial Intelligence** in the **Risk Event Details** and will include the **Confidence Level**, which is used to gauge the reliability of the information. For more details, see Confidence Levels.



Users can also filter the Risk Events on the Visual Command Center **Map** by selecting the relevant field under **Published By**.

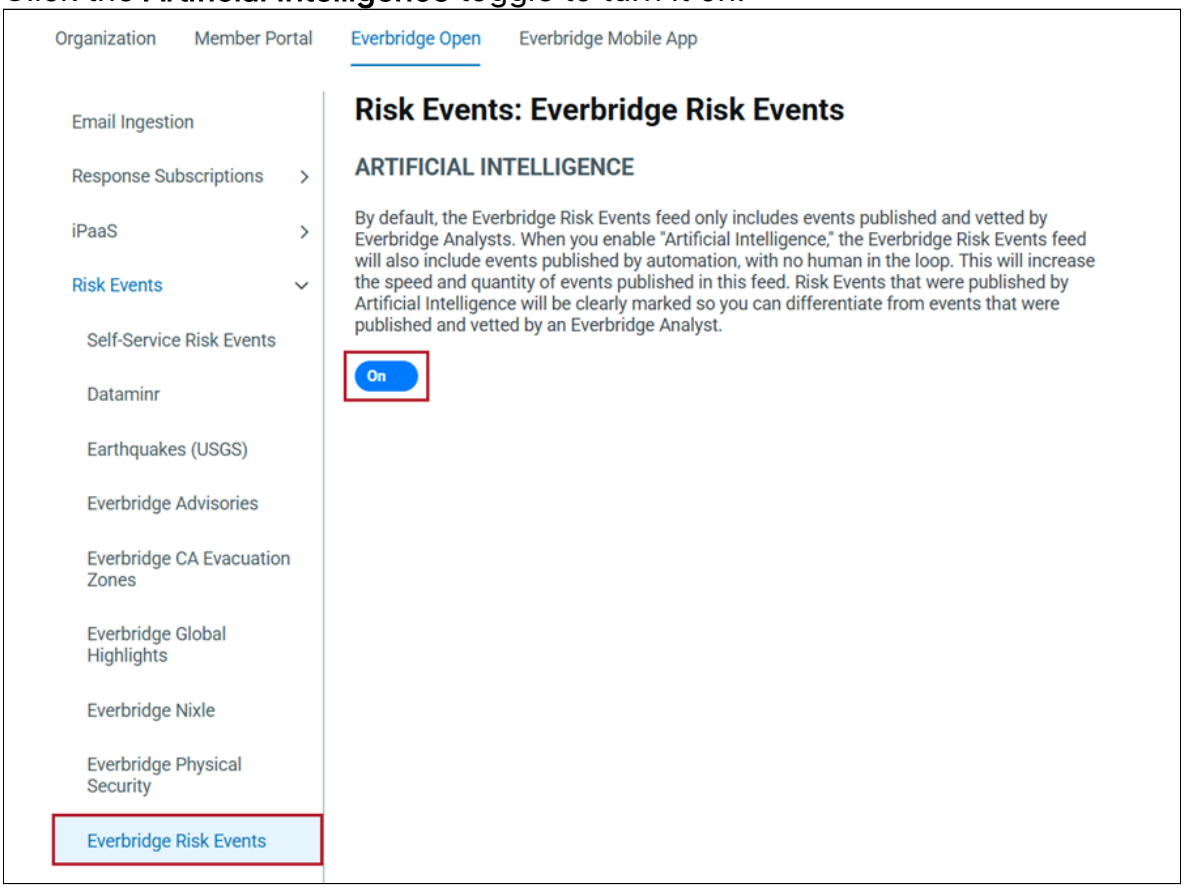
Enabling Auto-Published Risk Intelligence

In order to see Auto-Published Risk Intelligence, it must first be enabled at the Organization level by an Organization Administrator.

> **NOTE:** Auto-Published Risk Intelligence is only available to Everbridge 360 Enterprise customers.

To enable Everbridge Auto-Published Risk Intelligence:

1. From the Organization level, navigate **Settings** > **Everbridge Open** > **Risk Events** > **Everbridge Risk Events** and/or **Everbridge Travel Risk Events**.
2. Click the **Artificial Intelligence** toggle to turn it on.



NOTE: Once Artificial Intelligence is enabled for a Feed, Auto-Published Events will appear in the Feed alongside analyst-published Events and updates. CEM Orchestration users can configure their Workflows for special handling of Auto-Published Events using the **Publication Method** Filter. For details, see Using Auto-Published Risk Events in CEM Workflows.

Auto-Published Content Generation

Everbridge's proprietary Risk Intelligence models are built from 20+ years of data and experience from the **Risk Intelligence Monitoring Center (RIMC)** analyst team. By analyzing data from multiple sources, the models categorize, geolocate, and summarize it, converting raw information into actionable Risk Events.

Integrating Auto-Published Content with Analyst-Curated Intelligence

Auto-Published Risk Events are integrated with human-curated intelligence from the RIMC team. Both types of Risk Events are delivered through the same feeds, offering:

- **Speed & Volume** - AI-generated Risk Events provide rapid delivery and a higher volume of Alerts.
- **Quality & Validation** - RIMC analysts validate, update, or resolve conflicting information for Risk Events that meet reportability criteria or escalate in Severity.

Analyst Validation

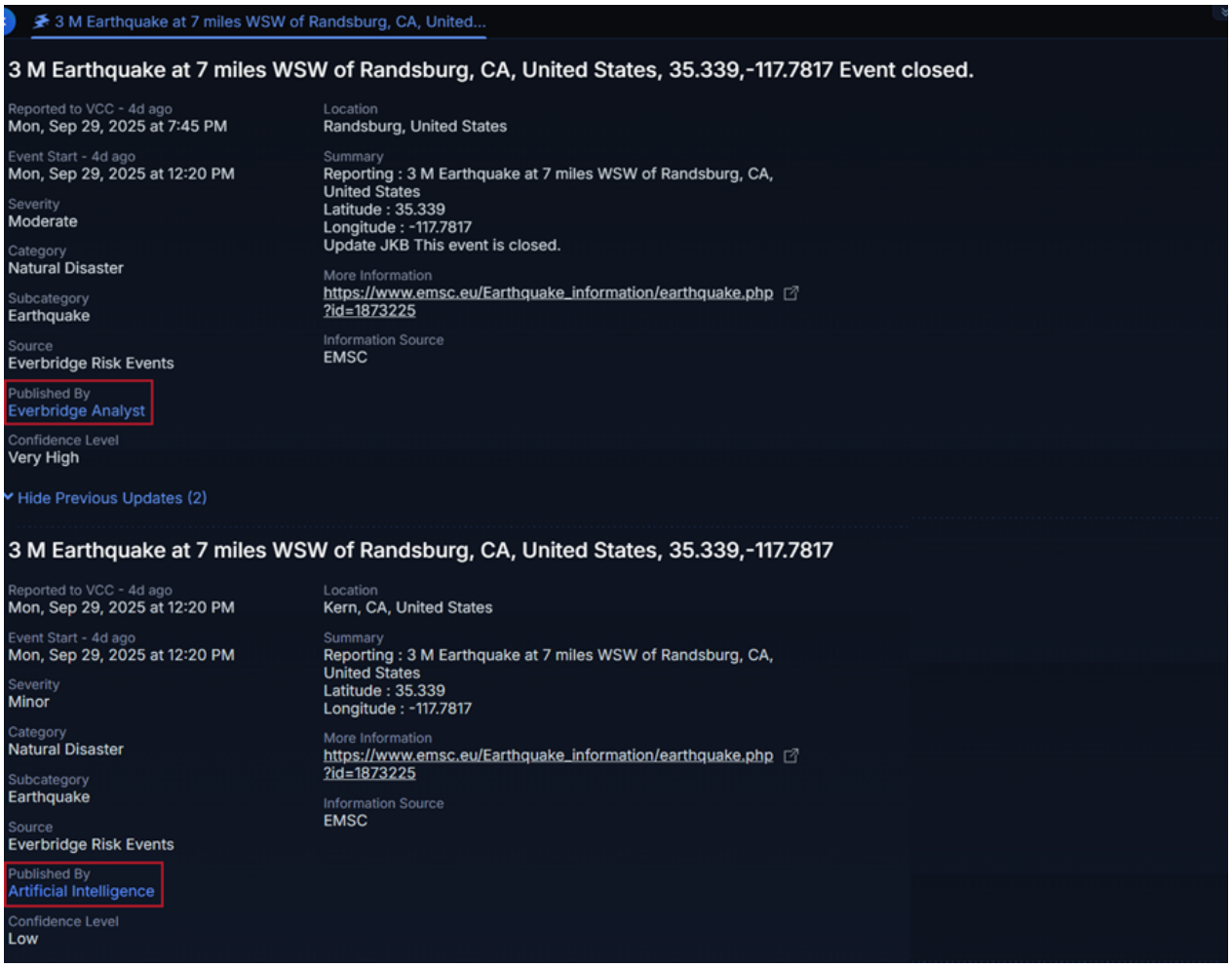
Analyst validation occurs when:

- The event meets RIMC's reportability criteria (e.g., shootings, major fires).
- The event escalates in scope or impact, requiring manual reassessment.

When an analyst validates or updates an Auto-Published event, it will display as **Published By: Everbridge Analyst** in the **Risk Event Details**.

Routine events (such as minor traffic accidents, residential fires, etc.) may remain unvalidated if they fall outside of RIMC's criteria and have no significant updates. Many Risk Events will also start with an Everbridge Analyst instead of an AI-generated event.

Below is an example of a Risk Event that started off as Auto-Published, and then was later validated and updated by an Everbridge Analyst:


3 M Earthquake at 7 miles WSW of Randsburg, CA, United...
3 M Earthquake at 7 miles WSW of Randsburg, CA, United States, 35.339,-117.7817 Event closed.
Reported to VCC - 4d ago
Mon, Sep 29, 2025 at 7:45 PM
Event Start - 4d ago
Mon, Sep 29, 2025 at 12:20 PM
Severity
Moderate
Category
Natural Disaster
Subcategory
Earthquake
Source
Everbridge Risk Events
Published By
Everbridge Analyst
Confidence Level
Very High
Location
Randsburg, United States
Summary
Reporting : 3 M Earthquake at 7 miles WSW of Randsburg, CA, United States
Latitude : 35.339
Longitude : -117.7817
Update JKB This event is closed.
More Information
https://www.emsc.eu/Earthquake_information/earthquake.php?id=1873225
Information Source
EMSC
Hide Previous Updates (2)
3 M Earthquake at 7 miles WSW of Randsburg, CA, United States, 35.339,-117.7817
Reported to VCC - 4d ago
Mon, Sep 29, 2025 at 12:20 PM
Event Start - 4d ago
Mon, Sep 29, 2025 at 12:20 PM
Severity
Minor
Category
Natural Disaster
Subcategory
Earthquake
Source
Everbridge Risk Events
Published By
Artificial Intelligence
Confidence Level
Low
Location
Kern, CA, United States
Summary
Reporting : 3 M Earthquake at 7 miles WSW of Randsburg, CA, United States
Latitude : 35.339
Longitude : -117.7817
More Information
https://www.emsc.eu/Earthquake_information/earthquake.php?id=1873225
Information Source
EMSC

Confidence Levels

Confidence Levels indicate the estimated reliability and trustworthiness of each Risk Event based on its source and content. These help users assess how much weight to give an Alert when making decisions and building Workflows.

Level	Description	Example
Very High	Validated or created by a RIMC analyst, or from trusted automated sources with minimal AI involvement.	• Analyst-generated/ verified Event • USGS Earhquake Feed
High	Reliable source, high model confidence in AI components, such as geolocation, classification, summarization, timeliness.	• Police and Fire scanner reports with very high confidence in the timeliness and geolocation. • Trusted automated feed needing moderate AI involvement.
Medium	Reliable source, moderate model confidence (less certainty in one AI component).	• High-quality source but less certain about geolocation or categorization. • Medium or lower-quality source with high confidence in AI components.
Low	Unverified social media source, lower model confidence (less certainty in multiple AI components).	• Source where AI components are used heavily (such as AI transcriptions of audio files or interpretation of video clips). • Social media post from an unverified source.

		• Post from a verified media organization where the timeliness is unclear or the location is less certain.

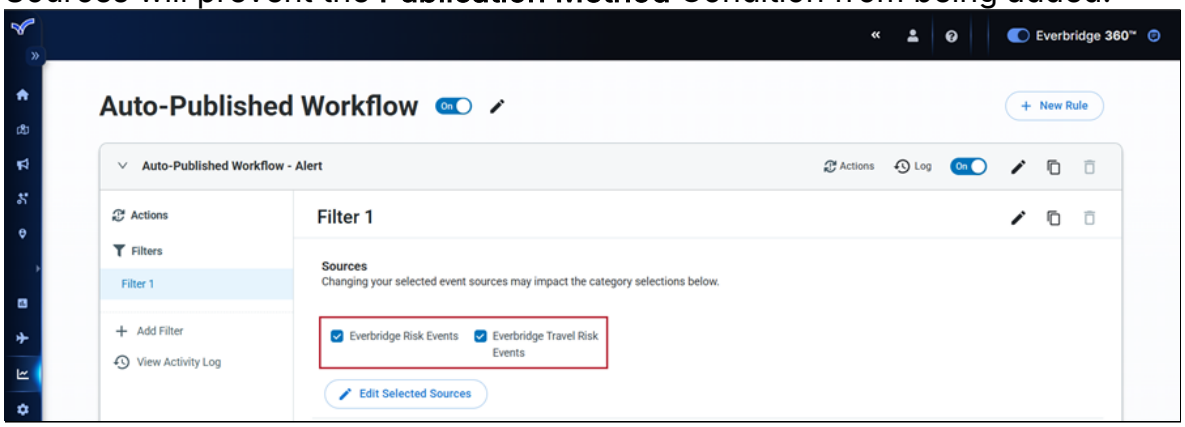
Using Auto-Published Risk Events in CEM Workflows

Users can configure CEM Orchestration Workflows to include a Filter with the Publication Method Condition, which allows selection of Auto-Published (Artificial Intelligence) Risk Events, Everbridge Analyst-published Events, or both. For more on CEM Orchestration Workflows, see the CEM Orchestration Guide.

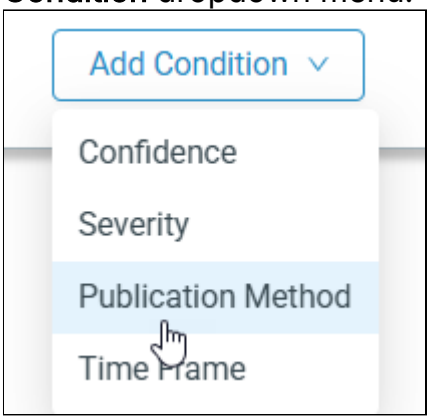
> **NOTE:** If a Workflow is configured to trigger only on Everbridge Analyst-published Events, and a Risk Event is initially published by Artificial Intelligence, the Workflow will still trigger if and when the Event is later updated by an Everbridge Analyst.

To configure a Workflow that includes Auto-Published Risk Events:

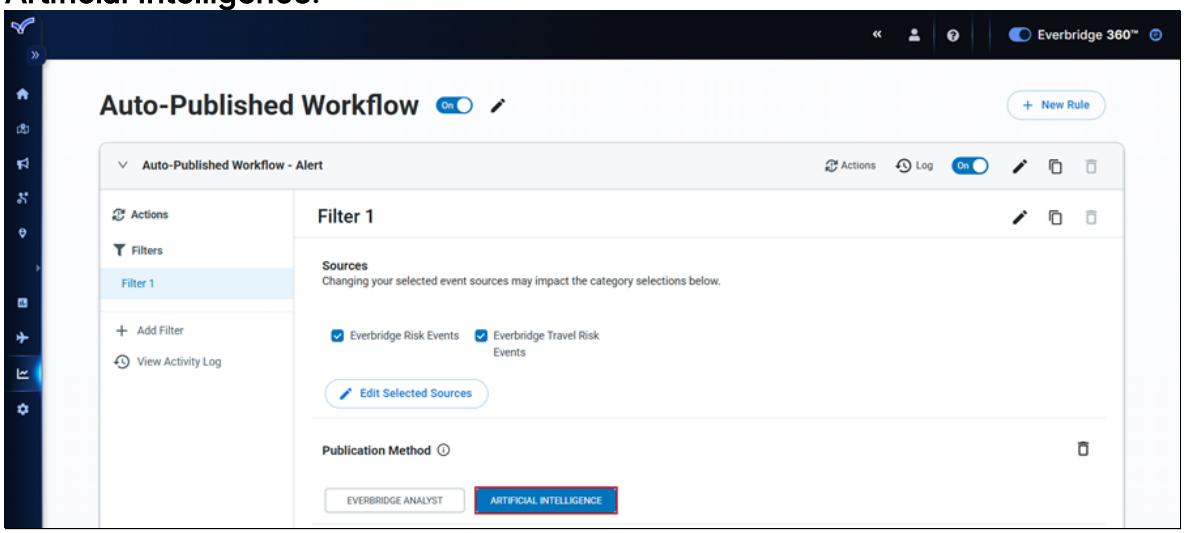
1. When editing a Workflow or creating a new one, under **Sources**, select **Everbridge Risk Events** and/or **Everbridge Travel Risk Events**. Note that this feature is only supported for these two Sources, and including additional Sources will prevent the **Publication Method** Condition from being added.



2. Scroll to the bottom of the page and select **Publication Method** from the **Add Condition** dropdown menu.

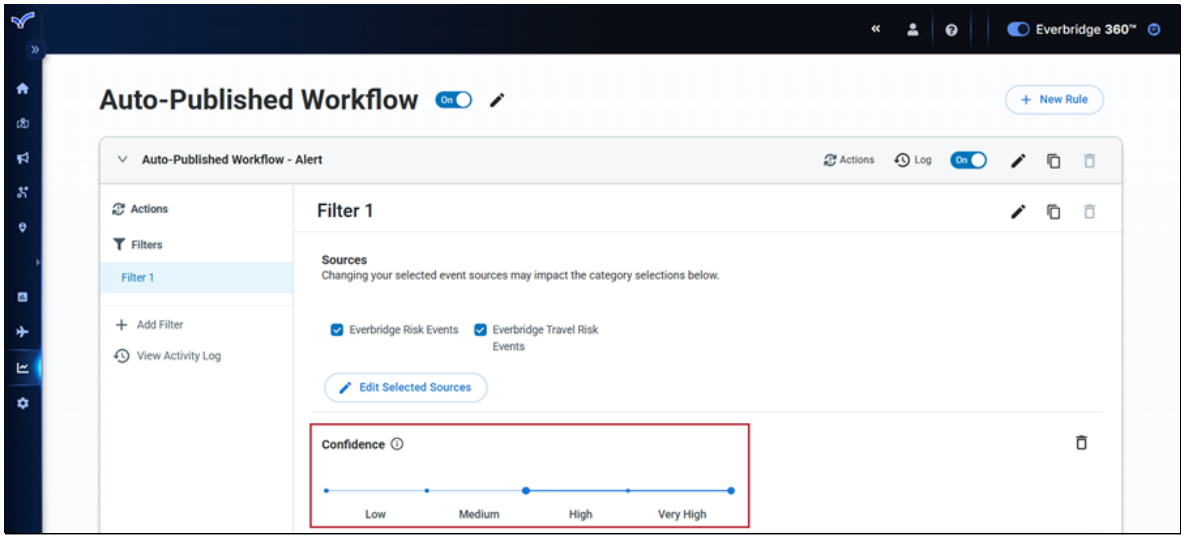


3. Scroll back up to the newly-added **Publication Method** section and select **Artificial Intelligence**.



4. Optionally, add the **Confidence** Condition from the dropdown menu at the bottom to specify how reliable the AI-generated information must be considered in order to trigger this Workflow. See Confidence Levels for more

information.



5. Continue creating the Workflow as needed, then click **Save**.

NOTE: Similar to other Workflow Conditions, if you do not set Filters for **Publication Method** or **Confidence**, the system will not automatically apply them. In that case, all Publication Methods and Confidence methods will be matched.