IncidentAnalytix

Risk Management Solutions for Outdoor Behavioral Healthcare

Elevate your Risk Management Practices to a new level with the IncidentAnalytix Platform

Protecting your clients, your staff, and your organization requires understanding your incident trends. Safety science research shows that close calls offer the greatest predictor of overall risk, but few institutions have adequate reporting structures in place. IncidentAnalytix is the most comprehensive cloud-based Risk Management Information System (RMIS) that allows you to collect incident and close call data to build a complete picture of your organizational risk.

Based on the latest human factors research, IncidentAnalytix incorporates Safety I and Safety II methodologies to identify the contributing factors and mitigating factors providing you with insight into risk trends across your organization. With actionable data, you can quickly implement appropriate programmatic responses.
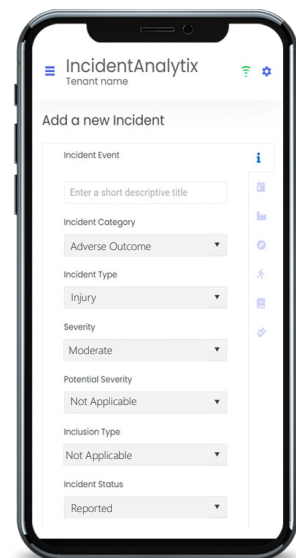
IncidentAnalytix combines a customizable cloud-based Web Application that gives you complete access to your data with features including secure login, role-based user access, data analytics and reporting and a Mobile App that allows users to gather incident data in real-time on their mobile device and push the data to the server when they have internet.
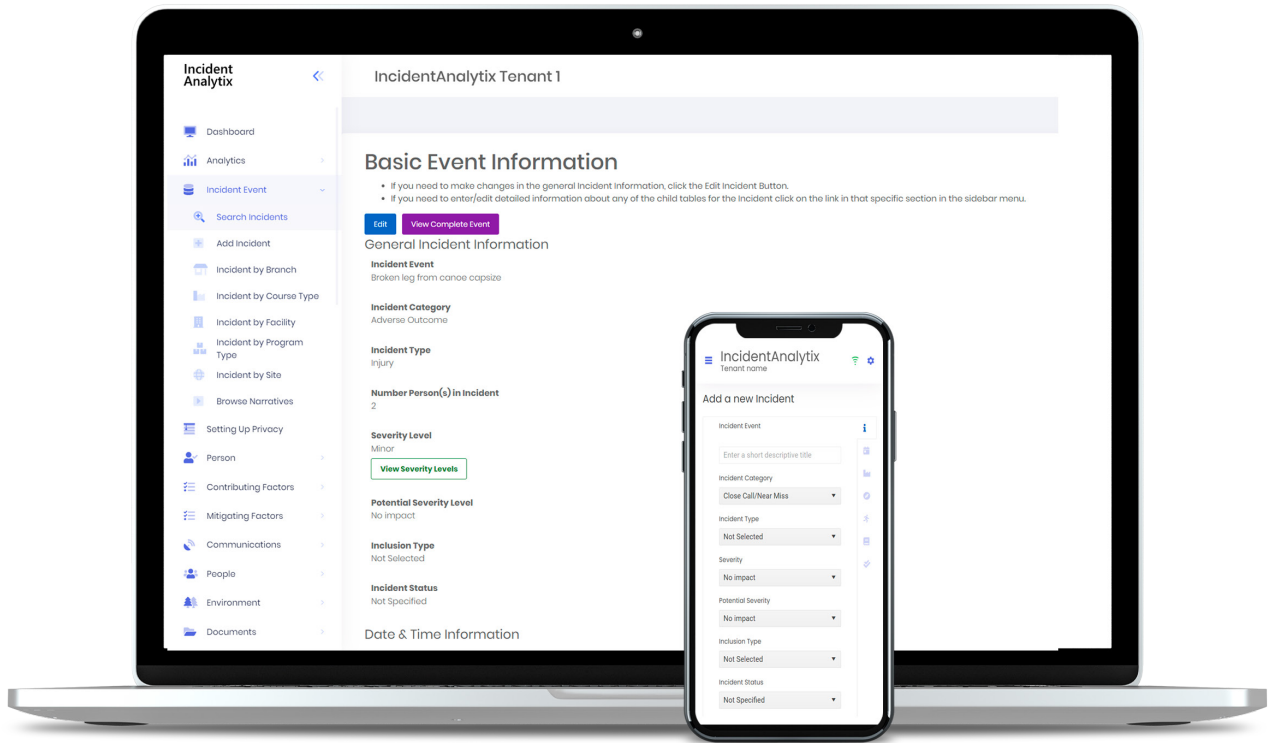

The Association for Experiential Education (AEE) and IncidentAnalytix have worked with leading outdoor providers to create a set of industry-wide recommendations for incident data collection. By collecting a common set of data for our industry, we pave the way for a better understanding of the contributing factors in incidents with the goal of improving risk management practices for everyone.

IncidentAnalytix has worked with a number of Outdoor Behavioral Healthcare (OBH) providers to develop specific incident tracking tools for the OBH industry including data on medication errors, therapeutic holds, and alleged persons.

We currently offer a general Outdoor Education server and an Outdoor Behavioral Healthcare server. Additional servers available upon request. Discounts are available for accredited programs.

Learn more at: www.IncidentAnalytix.com

Incident Data Collection Made Easy

Tracking Incident Data is complex. Understanding what data to collect, designing a complete database schema, developing data entry forms and online reports, ensuring consistent data entry, and building a robust reporting and analytics system is a huge undertaking, out of reach for many organizations. IncidentAnalytix solves all of that by providing you with a comprehensive cloud-based solution for all of your incident tracking and risk management assessment needs.

Incidents happen day or night and IncidentAnalytix provides you with 24/7 data access. Designed with an intuitive and flexible user interface, the system makes it easy to enter, search, filter and review your data.

Our multi-level data collection process allows you to capture complete information about incidents and close calls throughout your program. At each data level you determine how much information is essential to record. You control the user privileges to grant or limit access to what data is visible and accessible to your users.

Features on all Editions

Data Collection Features

- Advanced Hierarchical Data Schema for comprehensive Incident Tracking
- Structured Data Collection provides Consistent Analysis
- Lookup Tables and Custom Data Fields

Security Features

- Multi-Tenant Data Isolation with Row-Level Security
- Central Management of your Users
- Role-based Permissions for individual Web page access

User Interface Features

- SmartGrids provide Searching, Filtering, Sorting & Grouping
- Easily drill down into your data
- View, Add, Edit and Delete from the SmartGrid
- Customizable User Interface

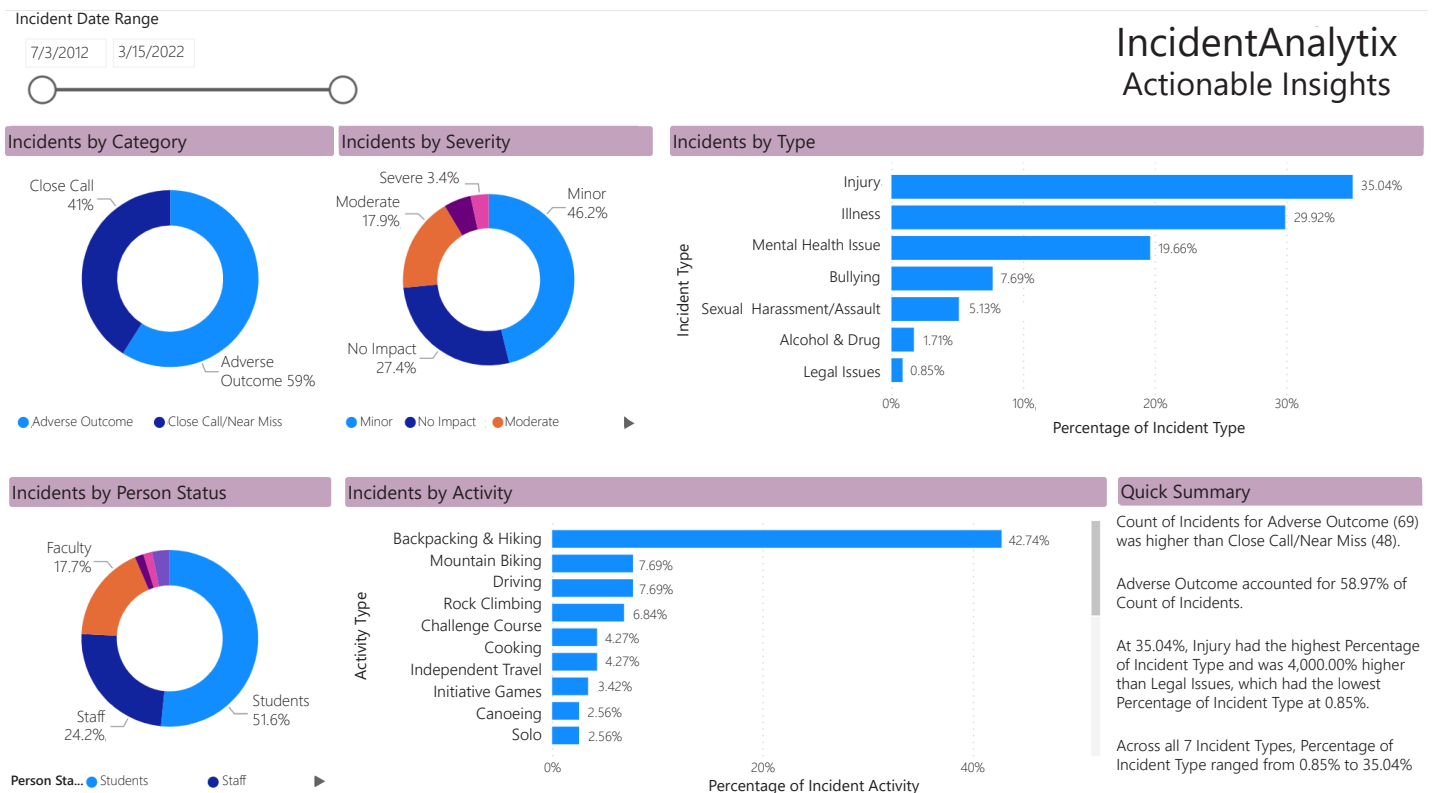# Advanced Incident Tracking & Data Analytics in the Cloud

Software-as-a-Service hosted in the Cloud means that you get the latest technology without having to maintain servers and complex software installations. We provide the Microsoft Azure secure hosting environment, the most advanced Risk Management Information system available, customizable access, and advanced reporting and data analytics in one complete package.

Comprehensive Incident Tracking That You Control

Incidents
- Incidents & Close Calls
- Date & Time
- Program Type
- Severity Level
- Bias/Harassment
- Injury & Illness
- Behavioral Issues
- Treatment/Medication

People
- Persons Impacted
- Persons Alleged
- Staff
- Participants
- Witnesses
- Groups
- People Notified
- Communication Log

Activity/Environment
- Program Activity
- Supervision Level
- Site Location
- Facilities
- Environmental Conditions
- Equipment Involved
- Property Damage
- Vehicles

Administration
- Causal Factors
- Mitigating Factors
- Legal Actions
- Police Reports
- Insurance Claims
- Post-incident Response
- Required Reporting
- Link to Files/Images

Actionable Insights From Powerful Data Analytics

IncidentAnalytix allows you to explore your data through powerful integration with the Microsoft Power BI data analytics platform. Live data updated in real-time is fully interactive. Filter, select, and drill down into specifics of your incident data to identify trends and prioritize action steps.

Incident Date Range
7/3/2012 3/15/2022

IncidentAnalytix — Actionable Insights

Incidents by Category
- Close Call 41%
- Adverse Outcome 59%
- Legend: Adverse Outcome, Close Call/Near Miss

Incidents by Severity
- Severe 3.4%
- Moderate 17.9%
- Minor 46.2%
- No Impact 27.4%
- Legend: Minor, No Impact, Moderate

Incidents by Type (Percentage of Incident Type)
- Injury 35.04%
- Illness 29.92%
- Mental Health Issue 19.66%
- Bullying 7.69%
- Sexual Harassment/Assault 5.13%
- Alcohol & Drug 1.71%
- Legal Issues 0.85%

Incidents by Person Status
- Faculty 17.7%
- Staff 24.2%
- Students 51.6%
- Legend: Person Sta... Students, Staff

Incidents by Activity (Percentage of Incident Activity)
- Backpacking & Hiking 42.74%
- Mountain Biking 7.69%
- Driving 7.69%
- Rock Climbing 6.84%
- Challenge Course 4.27%
- Cooking 4.27%
- Independent Travel 3.42%
- Initiative Games 2.56%
- Canoeing 2.56%
- Solo 2.56%

Quick Summary

Count of Incidents for Adverse Outcome (69) was higher than Close Call/Near Miss (48).

Adverse Outcome accounted for 58.97% of Count of Incidents.

At 35.04%, Injury had the highest Percentage of Incident Type and was 4,000.00% higher than Legal Issues, which had the lowest Percentage of Incident Type at 0.85%.

Across all 7 Incident Types, Percentage of Incident Type ranged from 0.85% to 35.04%.

Incident Events

	Event Details	Incident Category	Incident Type	Severity Level	Activity Type	Date	Actions
>	**Broken Leg from canoe capsize**	Adverse Outcome	Injury	Severe	Whitewater Canoeing	7/21/2022	Details Complete Edit Delete
>	**Inappropriate physical contact**	Close Call/ Near Miss	Behavioral	Moderate	Staff Training	6/29/2022	Details Complete Edit Delete
>	**Rockfall near miss**	Close Call/ Near Miss	Injury	Not Applicable	Rock Climbing	6/12/2022	Details Complete Edit Delete
>	**Embedded Tick**	Adverse Outcome	Illness	Minor	Backpacking	6/5/2022	Details Complete Edit Delete
>	**Bullying another participant**	Adverse Outcome	Behavioral	Minor	In Camp	4/22/2022	Details Complete Edit Delete
>	**Conjunctivitis**	Adverse Outcome	Illness	Minor	In Camp	4/7/2022	Details Complete Edit Delete

Solutions for Any Size Organization

Public Cloud: Expand your insights with the power of many

Our Public Cloud is a shared server environment perfect for small to medium-sized organizations. Our multi-tenant system securely isolates your data. For analytics purposes we merge anonymized data across the Public Cloud expanding your insights by allowing you to compare your trends to larger industry trends and enhance your own risk management practices.

Private Cloud: Your own Vertical Integration Platform

Our Private Cloud offers associations, membership organizations, and large organizations the option to create their own Private Cloud server with multiple isolated tenants, each with tenant having their own users. The Private Cloud offers collective analytics allowing vertical integration for common incident tracking portfolios.

Self-Hosted: Complete Customization for your Organization

Large organizations, schools, corporations, and government agencies can purchase a perpetual software license allowing them to host a multi-tenant/multi-user IncidentAnalytix system on their own servers or cloud providers as well as fully customize the software, database and analytics for their own unique needs.

Enterprise Solution

Designed from the ground up as a fully-integrated Software-as-a-Service solution with role-based security, local server or single sign-on, and two-factor authentication. Each solution provides customizable data fields, lookup values, and user interface.

Real-time Analytics

Our intuitive user interface provides comprehensive search capabilities allowing your users to easily drill into your data. Our powerful Microsoft Power BI Analytics integration gives you real-time analysis of trends and patterns.

Mobile & Web Apps

The Web App provides access to the entire feature set of IncidentAnalytix. The Mobile App allows users to enter data offline on a mobile device and push to the server when they have an internet connection.

Contact us for more information or a demo: staff@IncidentAnalytix.com