

# Ultimate Guide to Event Data Orchestration

Mastering Event Data Harmony for Seamless Optimization



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# Transforming Your Event Data Into Actionable Insights

Event data plays a crucial role in driving business outcomes by empowering marketing professionals to make informed decisions. To make your event data truly useful, it's important to follow a systematic approach that can transform it into actionable insights. **Here are some key steps to make your event data useful:**

## COLLECT RELEVANT DATA

**Utilize various data collection methods**, such as online registrations, surveys, attendee interactions, social media monitoring, and event app analytics, to gather relevant data points. Ensure that you collect data consistently and accurately throughout the event's lifecycle.

## CONSOLIDATE AND CENTRALIZE DATA

**Bring all your event data together in a centralized database or platform.** This allows you to have a single source of truth and facilitates easy access and analysis of the data. Integration with event management software or customer relationship management (CRM) systems can help streamline data consolidation.

## CLEANSE AND VALIDATE DATA

**Conduct data cleansing and validation to ensure accuracy and reliability.** Remove any duplicate or erroneous entries, standardize formats, and validate data against predefined criteria. This process helps improve the quality and integrity of your event data.

## ANALYZE AND EXTRACT INSIGHTS

**Utilize an [event intelligence solution](#) to extract meaningful insights from your event data.** Look for patterns, trends, and correlations that provide valuable insights into attendee behavior, preferences, engagement levels, and overall event performance. Identify key metrics that align with your event objectives.

## INFORM DECISION-MAKING

**Use the insights gained from data analysis to inform decision-making for future events.** Use the data to identify areas of improvement and tailor your events to better meet the needs and expectations of your audience.

## PERSONALIZE YOUR ATTENDEE EXPERIENCES

**Leverage insights to personalize and tailor the event experience for your attendees.** Utilize attendee preferences and past interactions to deliver targeted communications, personalized recommendations, and customized event content.

## MEASURE IMPACT AND ROI

**Assess the impact of your events by tracking key performance indicators (KPIs) and measuring return on investment (ROI).** Use data to evaluate attendee satisfaction, lead generation, revenue generation, social media reach, and other relevant metrics.

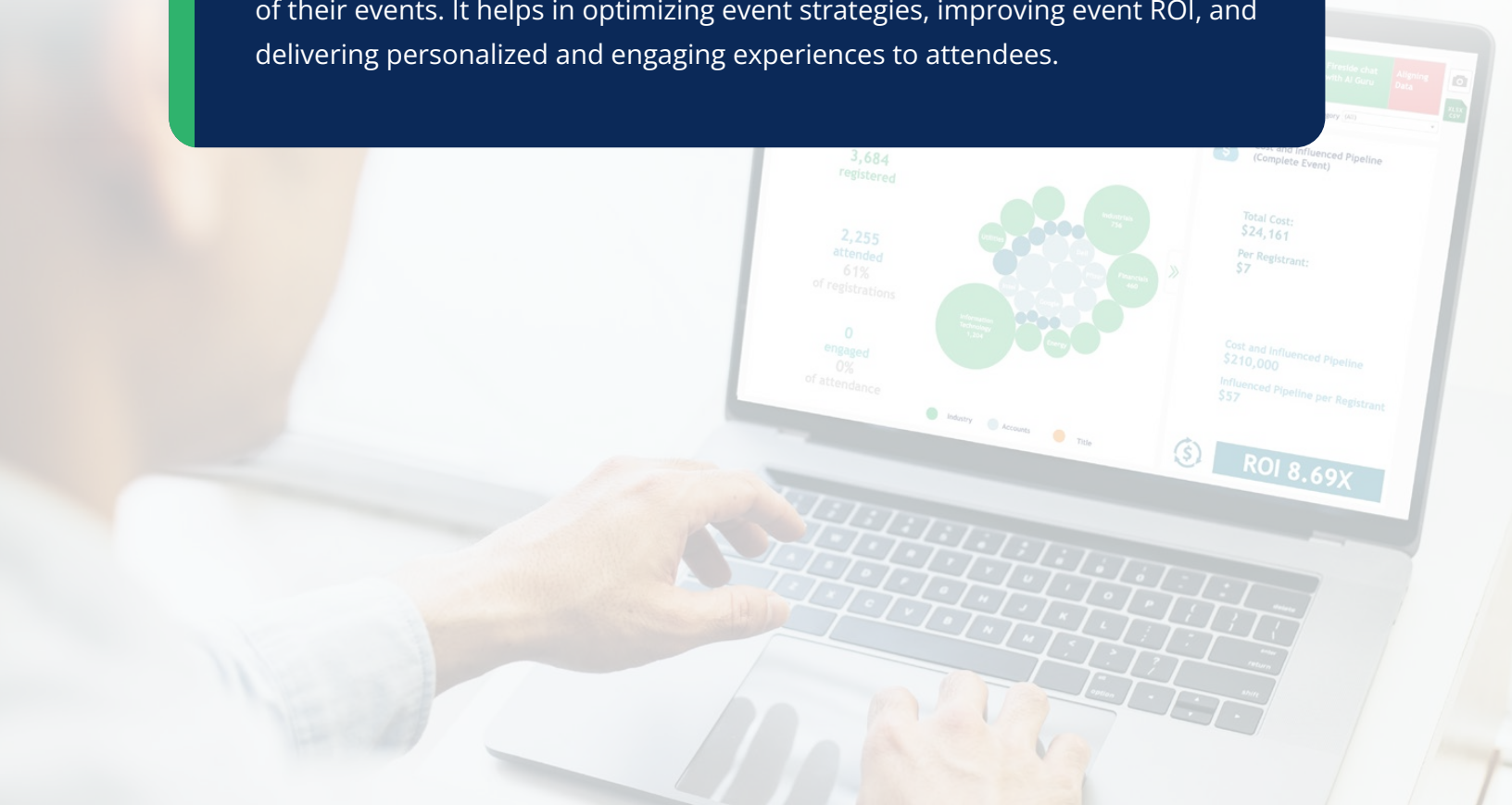
To reap the full benefit of your event data, it's important to transform it into an asset that informs decision-making, enhances attendee experiences, and drives the success of your events.

# Understanding the Power of Data Orchestration

**Event data orchestration refers to the process of data collection, cleansing, normalization, transformation, data management and integration.** It involves organizing and coordinating different types of data, such as attendee information, registration data, session details, engagement metrics, and post-event feedback, into a unified and structured format. It ensures that event data is accurate, consistent, and accessible for analysis and reporting purposes.

**By centralizing and harmonizing event data, organizations can derive valuable insights, identify trends, and make data-driven decisions to enhance event planning, attendee experience, and overall event success.**

This process often involves using event management software that offers functionalities for data integration and analytics. These tools streamline data orchestration by automating data workflows, providing real-time data updates, and robust reporting capabilities. Event data orchestration enables event organizers to have a holistic view of their events, understand attendee behavior and preferences, track performance metrics, and measure the impact of their events. It helps in optimizing event strategies, improving event ROI, and delivering personalized and engaging experiences to attendees.



# Connecting Events to Results with Data Integrations

**Event data integration refers to the process of combining and consolidating data from various sources and systems involved in an event.** It involves harmonizing data from different platforms, applications and sources into a unified and cohesive dataset. The goal of event data integration is to create a comprehensive view of event-related information, enabling organizations to analyze and leverage the data effectively.

**Power your sales and marketing automation tech stack** by connecting your event data from sources such as event registration systems, customer relationship management (CRM) platforms, ticketing systems, marketing automation tools like Eloqua and Marketo to power your sales and marketing.

## Understanding API-Polling

API polling refers to the practice of periodically sending requests to an API (Application Programming Interface) to retrieve updated data or check for specific changes. It involves making repeated API calls at regular intervals to fetch information from the API server. By incorporating API-Polling into your event management workflow, you unlock a host of benefits that streamline your processes, enhance collaboration, and deliver a superior event experience for your attendees. By polling the API at defined intervals, the client can stay up to date with the latest data and react accordingly. Careful consideration should be given to strike a balance between timely data updates and minimizing unnecessary requests to avoid excessive bandwidth consumption or unnecessary server load.

Below are some key advantages you can expect:

- 1) Real-time Data Synchronization:** Stay up to date with the latest information by automatically syncing data from external systems to the Certain platform.
- 2) Improved Efficiency and Accuracy:** API-Polling eliminates the need for time-consuming manual data transfers, reducing the risk of human error. By automating the data synchronization process, you can focus your energy on strategic event planning and delivering a seamless experience for your attendees.
- 3) Enhanced Collaboration:** Enable better collaboration across teams by seamlessly sharing event data with external systems. Your sales, marketing, and customer support teams can access real-time attendee information, enabling targeted outreach, personalized communications, and improved customer interactions.
- 4) Comprehensive Reporting and Analytics:** Combine data from various sources by leveraging API-Polling to create comprehensive reports and gain deeper insights into your events. Analyze attendee engagement, track marketing campaign effectiveness, measure ROI, and make data-driven decisions to optimize your future events.

# Leveraging Event Intelligence & AI

**As the latest disruptive technology in the industry, Event Intelligence (EI) and Artificial Intelligence (AI) are transforming the way we plan, execute, and measure the success of events.** From leveraging data for strategic decision-making to personalizing the event experience and optimizing event marketing, AI-driven event intelligence provides marketing professionals with invaluable tools to drive successful events, engage audiences, and achieve desired business outcomes. Let's take a closer look at how these technologies are revolutionizing the event management landscape and how they take your events to the next level.

1

## Leveraging Data for Strategic Decision-Making

Event intelligence utilizes AI algorithms to collect, analyze, and interpret vast amounts of event data. This data includes attendee profiles and behavior patterns, engagement metrics, survey feedback, social media interactions, and more. By leveraging event intelligence, marketing professionals gain actionable insights into attendee preferences, behavior patterns, and interests. This data enables informed decision-making and the ability to tailor event strategies to meet the specific needs of target audiences.

2

## Personalizing Your Event Experience

AI-powered event intelligence helps organizations create more personalized attendee experiences. It enables event organizers to segment attendees based on their profiles, interests, and past interactions. Event intelligence can help create customized agendas, recommend relevant sessions, and suggest networking opportunities based on individual preferences. This level of personalization enhances attendee satisfaction, engagement, and loyalty.

3

## Smarter Event Marketing, Promotion & Targeting

AI-driven event intelligence offers advanced targeting capabilities for event marketing campaigns. It helps marketers identify and reach the right audience through predictive analytics and machine learning algorithms. By analyzing historical data and patterns, event intelligence can identify the most effective marketing channels, messaging strategies, and timing for promoting events. This optimization leads to higher attendance rates and improved marketing ROI.

4

## Real-Time Decision-Making and Adaptive Strategies

Event intelligence provides real-time insights during events, enabling marketing executives to make data-driven decisions on the spot. This agility allows for immediate adjustments to enhance attendee experiences and optimize event flow. By monitoring live data on attendee engagement, session popularity, and feedback sentiment, event organizers can adapt event strategies in real-time to ensure maximum attendee

# Measuring Event Impact and Evaluating Results

**As you celebrate a successful event, remember to debrief with your team and complete post-event reporting for your stakeholders.** Take a look at data and analytics to measure your event's performance. Look at event data such as attendance levels, average time spent in the event, number of unique visitors attended, the content engaged, and the connections made.

If you use a virtual event platform, the above data should be easy to pull together. Once you have your data, collect it in a **post-event report** to help you — and importantly, your stakeholders — evaluate how well your event performed relative to its goals and objectives.



**Follow up with thank you emails and surveys** to make sure you get feedback on what your participants enjoyed — and what you can improve next time.

# Choosing the Right Event Technology

While employing each of the strategies in this guide will help your team drive success, the utmost success factor lies in getting to know your audience better. They need to tap into their event engagement data to better understand their audience behaviors patterns. Done consistently, these attendee insights can help ensure any shift in buyer behaviors are identified and addressed quickly to maximize their event program success. Certain Event Intelligence allows organizations to:



Visualize, track, and optimize your global events of all types in real-time.



Offer personalized & highly engaging attendee experiences — at scale.



Take important actions to increase your event ROI.



Simplify event data processing with a turnkey solution.



Enable everyone on your team to make data-driven decisions.



Scale and configure events with unparalleled flexibility.



Get peace of mind with the highest levels of data security, privacy & compliance.



To support your future in-person and hybrid events, [Certain Event Management](#) offers a unified, branded, and scalable attendee experience throughout your event planning, registration, and execution cycle. Certain's AI-powered event intelligence capabilities enable marketing professionals to seamlessly capture insights and buying signals from all types of attendees, be they in-person or virtual -- and share them across their enterprise technology stack to drive revenue and customer success.

## Learn More



### eBook

Event Intelligence Playbook

[DOWNLOAD EBOOK](#)



### Infographic

How to Boost Event ROI with Event Management Software

[VIEW INFOGRAPHIC](#)



How can we help with your next event?

**Schedule a demo to find out!**

**SCHEDULE A DEMO**

Certain provides the leading intelligent enterprise event management solution that powers personalized event experiences and meaningful connections that deliver greater business outcomes and revenue. By seamlessly capturing and transforming event data into actionable insights at scale, Certain enables event professionals to integrate buying signals into other technologies in real-time. With Certain's proven SaaS-based technology, cross-functional event teams collaborate, streamline processes, and reduce costs while executing flawless events with operational excellence. Our digital event solution allows event marketers and planners to better capture insights and buying signals from all attendees-in-person or virtual- and share them across the enterprise technology stack to drive revenue and customer success.