LiteLog

Software solution for efficient process optimization and attendance control – ensures transparent workflows, reliable records, and streamlined operations.

What does LiteLog do?

LiteLog is the digital solution for attendance control.
Instead of signing traditional attendance sheets, the process is carried out effortlessly using modern personalized scanning technology. Each participant receives their own profile, enabling transparent and continuous documentation of individual attendance rates. If requested by the client, short-term localization can be used to verify whether the check-in actually took place on-site.

LiteLog organizes the collected data and presents it clearly for a quick overview. For example, personalized attendance numbers of events or the attendance history of each individual participant per event can be accessed.

Based on this data, valuable insights can be gained for one’s own work and analysis. This supports data-driven development of internal structures and processes.

Method 1

Attendance control using NFC chips

The NFC technology familiar from everyday life (e.g., contactless payments) is used here. Each participant receives an NFC chip, which they hold against a corresponding reader when attending an event in order to confirm their presence by scanning the chip.

Advantages

Compliant with data protection & fraud-proof

By using NFC chips instead of personal smartphones, potential data-protection concerns do not need to be considered. Unauthorized duplication of the NFC chips is virtually impossible.

Disadvantages

Acquisition costs

A chip scanner costs around €200. Each room that is to be integrated into the digital attendance system requires such a device, which multiplies the costs accordingly. The chips for participants cost around €1 each. If chips are lost, they must be replaced. Due to the fixed scanners in the rooms, spontaneous changes of the event location are difficult. This results in a lack of flexibility.

Method 2

Attendance control using QR codes

Using their personal smartphones, participants scan a QR code provided by the organizer. By scanning, they confirm their own attendance. This is done through a dedicated app that must be installed on the smartphone beforehand.
The QR code is displayed on a screen (PC, projector, tablet, etc.).

Advantages

Affordable and simple

By using existing hardware such as personal smartphones, the required costs are reduced to a minimum. Moreover, scanning a QR code is familiar to most people.

Disadvantages

Prone to fraud

If QR codes are used without additional security measures, they can easily be forwarded to absent persons. However, LiteLog offers features to minimize this risk. A functioning personal smartphone for each participant is a prerequisite for using this method.

Method 3

Attendance control using a central NFC chip

An NFC port is set up in the room for scanning. Participants confirm their attendance at this installed access point using a dedicated app on their personal smartphone.

Advantages

Fraud-proof and cost-effective

Unauthorized duplication of the NFC port is difficult. Additionally, only a single NFC chip per event room needs to be purchased.

Disadvantages

NFC-enabled smartphone required

The basic requirement is that all participants have an NFC-enabled smartphone. However, this is standard with modern devices. Participants should be aware of where the NFC reader on their smartphone is located. Otherwise, there may be a brief delay until the correct spot of the phone is held against the NFC port.

Recommended: Method 2

Dynamic QR code per event	The QR code is shown live in the room (via projector or similar), and all students scan it using the app.
Individual authentication	Students scan the currently displayed QR code on the projector or screen – directly during the event.
Optional: Location verification (geofencing)	Short-term GPS query during check-in – with consent, for verification only. Increases security and confirms actual presence.
Live dashboard for lecturers	Display: Who has checked in (including time), optionally with a warning for duplicate attempts. Real-time monitoring, easy tracking.

Data-driven evaluation options

a) Individual attendance rate of each participant

Through the transparent and continuous documentation of individual attendance, initial insights can be drawn, e.g., regarding motivation, interests, and work behavior. Potential issues can also be identified early on to allow for timely intervention if necessary.
The attendance profile also serves as a solid basis for individual discussions.

b) Attendance rates of individual events

Through comprehensive documentation of attendance across different events, valuable insights can also be gained that support the professional development of existing structures. Correlations between attendance rates and specific times, topics/content, or speakers can be made visible.

Technology and functionality

Web-based management

Web interface for administrators and managers

- **No installation required:**
  Access LiteLog from any computer with an internet connection.
- **User-friendly and intuitive:**
  The web interface enables easy control and monitoring of all processes.
- **Flexibility:**
  Manage your systems from anywhere, without being tied to a specific workstation.

Technology and functionality

Mobile App

Easy access via smartphone

- No special hardware required: Participants can use the LiteLog app on their own smartphones.
- Support for Android and iOS: Compatible with the most common mobile operating systems.

App features

- Check-in to events
- Providing QR code
- Overview of attendees

Advantages

- Cost efficiency: No need to purchase expensive devices.
- User-friendliness: Intuitive operation makes it easier for employees to adopt.
- Mobility: Attendees can carry out their tasks flexibly and efficiently.

Advantage for the organizer

Increased transparency and traceability

Reduced administrative effort

Improved process quality

Increased efficiency through process optimization

Unique selling points

- Seamless system integration
- Combination of NFC and GPS
- User-friendliness and minimal implementation effort

Data protection

Data protection & security

- **Data storage in Germany:**
  All data is stored in compliance with GDPR on German servers, secured with daily backups, and protected against unauthorized access.
- **No permanent personal monitoring:**
  By using NFC tags at checkpoints, no continuous user-related location tracking is required. This minimizes data protection risks and preserves employee privacy.

Vorteile

- **High trust and acceptance:**
  The proven approach provides security for internal decision-makers as well as for authorities and audits.
- **Clear guidelines & compliance:**
  By adhering to German data protection standards and GDPR compliance, you are legally on the safe side.

Schedule a demo today or contact us for a personal consultation.

Book a free consultation

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