Claims

1. Method for checking an access authorization (25) to a building and/or an event (38), the method comprising:

receiving an access authorization (25) from a configuration device (18), wherein the access authorization is valid for a participant (44) invited into the building and/or to the event; generating a machine-readable code (28) using a server (12) based on the access authorization (25) of the participant (44) invited into the building and/or to the event; wherein participant information (32) for the participant (44) is stored on the server (12);

sending the machine-readable code (28) to a participant mobile device (20) of the participant (44) by means of the server (12);

reading in the machine-readable code (28) by means of a control device (14) and decoding the machine-readable code (28);

checking whether the machine-readable code (28) authorizes the participant (44) to access the building and/or event (38);

in case of a valid access authorization (25), identifying participant information (32) by means of the server (12) based on the machine-readable code (28); wherein the server (12) identifies from the stored participant information (32) the participant information (32) that is assigned to the machine-readable code (28);

sending the identified participant information (32) to the control device (14) by means of the server (12); and

displaying the identified participant information (32) by means of the control device (14) such that the participant information (32) can be checked by a controller (42) with respect to the participant (44).

2. Method according to claim 1, further comprising:

storing data relating to the access authorization (25) on the server (12) if the access authorization (25) has been generated for the participant (44);

sending an electronic invitation (26) to the participant mobile device (20) of the participant (44) after storage, wherein the electronic invitation (26) contains the machine-readable code (28).

3. Method according to either claim 1 or claim 2,

wherein the server (12) and/or the control device (14) check(s) whether the machine-readable code (28) authorizes access.

4. Method according to any of the preceding claims,

wherein the machine-readable code (28) is a graphical code; and/or

wherein data in the machine-readable code (28) are encoded in a two-dimensional matrix;

wherein the machine-readable code (28) can be captured by means of a camera (30) of the control device (14) and image data generated by the camera (30) are decoded.

5. Method according to any of the preceding claims,

wherein the participant information (32) is intended to be checked by the controller personally; and/or

wherein the participant information (32) comprises a first name, a surname, an image and/or a personal characteristic (34) of the participant (44).

6. Method according to any of the preceding claims,

wherein the control device (14) is a mobile device.

7. Method according to any of the preceding claims, further comprising:

generating an additional machine-readable code (28') in response to the machine-readable code (28) read in first being recognized as valid during checking;

sending the additional machine-readable code (28') to the participant mobile device (20);

reading in the machine-readable code (28') displayed by the participant mobile device (20) by means of the control device (14) and decoding the additional machine-readable code (28');

checking whether the additional machine-readable code (28') authorizes access to the building and/or event (38).

8. Method according to claim 7,

wherein a validity of the additional machine-readable code is limited in time.

9. Method according to any of the preceding claims, further comprising:

marking the access authorization (25) as used if the machine-readable code (28)
has been checked; and/or

displaying the access authorization (25) as used if the same machine-readable code (28) is checked again.

10. Method according to any of the preceding claims, further comprising:

defining an event (38) using an application (22) run on a server (12), wherein a plurality of participants (44) are assigned to the event;

sending an electronic invitation (26) comprising the machine-readable code (28) to a participant mobile device (20) of each of the participants (44), wherein machine-readable codes (28) of various participants (44) differ from one another.

11. Method according to claim 9, further comprising:

assigning a participant (44) to a participant category when defining the event;

sending the participant category of a participant (44) determined from the machine-readable code (28) to the control device (14) in response to the machine-readable code (28) being checked.

12. Computer program which, when executed on one or more processors, is designed to carry out the method according to any of the preceding claims.

13. Computer-readable medium, on which a computer program according to claim 12 is stored.

14. System (10) for checking an access authorization (25) to a building and/or an event (38), the system comprising:

a server (12), on which participant information (32) for a participant (44) and a plurality of access authorizations (25) are stored, wherein each access authorization (25) is assigned to a participant (44) and linked to participant information (32) for said participant (44);

a configuration device (18), which is designed to exchange information with the server (12); and

a control device (14), which is designed to exchange information with the server (12);

wherein the server (12) is designed to receive the access authorizations (25) from the configuration device (18), generate a machine-readable code (28) based on one of the access authorizations (25) and send said code to a participant mobile device (20) of the assigned participant (44);

wherein the control device (14) is designed to read in a machine-readable code (28) from the participant mobile device (20);

wherein the system (10) is designed to decode the machine-readable code (28), to check whether the machine-readable code (28) authorizes the participant (44) to access the building and/or event (38) and, in case of a valid access authorization (25), to identify from the stored participant

information (32) participant information (32) based on the machine-readable code (28), that is assigned to the machine-readable code (28);

wherein the server (12) is designed to send the identified participant information (32) to the control device (14); and

wherein the control device (14) is designed to display the participant information (32) that was identified based on the read-in machine-readable code (28), such that the participant information (32) can be checked by a controller (42) with respect to the participant (44).