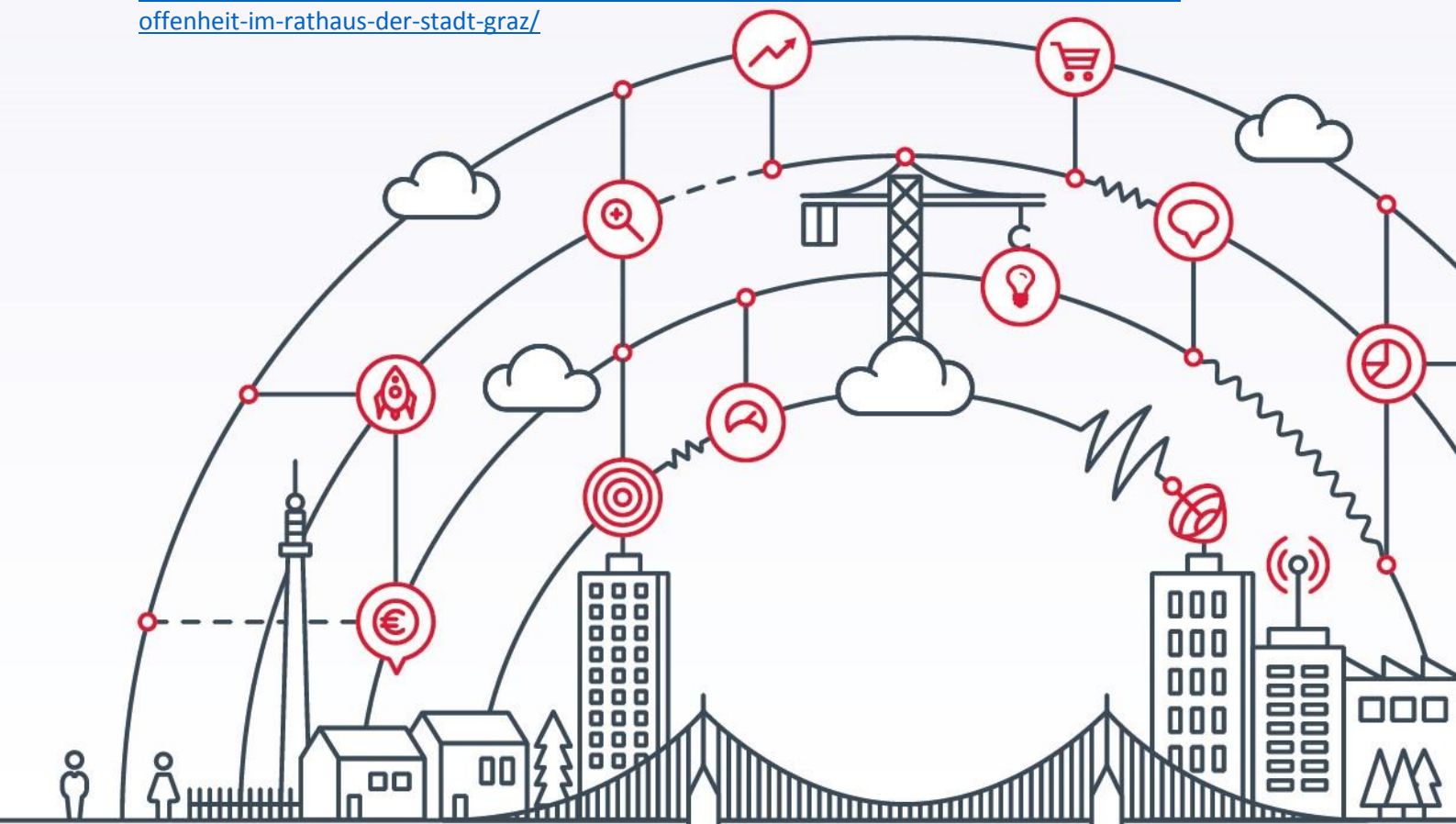


Challenge: Creating a fine balance with innovation: Safety and openness in the city hall of Graz

This is a translation – for the original challenge description, contacts and submission got to:

<https://www.ioeb-innovationsplattform.at/challenges/detail/spagat-mit-innovation-sicherheit-offenheit-im-rathaus-der-stadt-graz/>



An initiative of

 Federal Ministry
Republic of Austria
Digital and
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 Federal Ministry
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Transport, Innovation
and Technology

In cooperation with

 **BBG**
BUNDESBESCHAFFUNG

Challenge Sponsor

City of Graz, capital city of Styria and Austria's second largest city.



Point of Departure

The [Graz City Hall](#) on the main square of the city is open to visitors. They come as citizens seeking contact with politicians or the city administration. They come as participants of seminars, guests of closed and open events like receptions and weddings or as media representatives. Apart from tourists, official delegates from other countries or cities also visit the town hall.

The public municipal council meeting with 48 members usually takes place once a month in the building. Up to 60 (but on average 10-15) interested people have access to the visitors' [gallery of the hall](#). For this purpose, staff of the town hall security carry out a check of persons and bags (large objects unwanted) and register identity cards. A photo of it is saved and deleted after the session.

The openness of the building is important to the city administration and should be maintained as far as possible.

The security of visitors and employees is a concern. The inner courtyard itself is and will remain [accessible](#) from three sides. It also accommodates parts of a café (access via Herrengasse) and can be entered via a restaurant from Landhausgasse. However, various side entrances to the building from the inner courtyard will probably be reserved for persons with chip cards (as keys), starting in 2020.

The main entrance instead will remain open without a chip card - optionally also the rear entrance to the [health care institution](#) via Landhausgasse. Only at 8 pm the access to the courtyard will be partially restricted by closing the gates. Additionally some floors are locked separately.

A security solution has to be found for this situation.

Main Question

How can the balancing act between openness and security requirements be achieved in Graz City Hall with the support of innovative technology?

Desired situation

The staff of the town hall security will remain. The implementation of the chip system at the side entrances from the inner courtyard is already in process. Due to the remaining entrances, the city administration is striving for an additional technical solution. This

must manage the balancing act: between congestion-free permeability for guests and increased security in the building. A few key facts for further considerations:

1. As barrier-free entrances, two lifts (without employee chips) must also remain usable.
2. In addition to the concierge, two members of the town hall security are stationed in the historic building, but even after the introduction of the chips they will not (be able to) carry out complete checks at open entrances. Their main focus is on the entrance areas in the courtyard and the stairways. However, they are constantly on the move throughout the building
3. Due to the historical building fabric, construction measures are only possible to a limited extent.
4. An automated system must also work for groups of children, and others.
5. People who have their workplace in the building should be stopped / interrupted as little as possible.

The city of Graz hopes for innovative solutions in order to harmonize the goals and key data. This can mean a high degree of automation or solutions that are discreet but efficient. This can also involve the use of algorithms or artificial intelligence and the integration of different systems or safety networks.

More important than an overall concept for this phase of market exploration are (relatively) new and surprising partial aspects as well as innovative product components.

Call for proposals

Above all, consider the innovative elements with which you contribute to the desired result. Describe how this will both contribute to more safety and maintain the desired permeability in the town hall.

- Describe suitable reference projects.
- Please advertise your additional (standard) portfolio only in passing!
- A summary of the added value: Focus on innovation content: Get to the heart of the unique selling proposition and decisive advantages over conventional products or methods!
- Confidential information (not public): Give us an idea of what your proposal means in financial and effort terms. This helps the public client to design the procurement project in the right framework. Describe this information best with reference to the reference project.

We do NOT expect a detailed cost breakdown. Just classify the possible costs in these rough categories:

A up to EUR 15,000; B. up to EUR 30,000; C. up to EUR 60,000; D. up to EUR 120,000; E. more than EUR 250,000.

- A cover picture

NOTE: We are in the process of market exploration with this Challenge. Therefore, the following is not yet necessary to elaborate: completely new security concepts, drafts or feasibility studies that have been developed especially for this Challenge.

Keep your contribution short (guideline: maximum three A4 pages or ten presentation slides in total). Submissions by a consortium are welcome.

Benefits of the Challenge and further course of the project

With this challenge, the city of Graz will gain an overview of possible concepts / solutions and potential partners.

For companies, this means: By participating in the Challenge, you will be on the radar of the public-sector client. Even after the Challenge has ended, your submission will remain visible to other interested parties as your virtual business card. You put yourself in a good position for further public procurement projects. You may draw the attention of cooperation partners.

The jury is made up of in-house as well as external experts. Those companies, whose solutions stand out in a particularly positive way with regard to the specific evaluation criteria are invited to a subsequent Innovation Dialogue.

If you are among these winners, you will have the opportunity to present your solution during a market discussion with the City of Graz. You will exchange ideas directly with the responsible people for the project. This creates sensitivity and understanding for suitable innovations on the part of the public client. The event is planned for April 14th - please keep it free!

Depending on the results, the further project plan provides for the following:

The city will use the submissions and discussions to make the project market-conform. The plan is to procure one or more security solutions. This Challenge, among other things, will help to determine which awarding procedure is the most suitable under BVergG 2018. The security concerns described above also apply to other buildings of the city administration and will be taken into account in this market survey.

The PPPI Service Center promotes the results of the challenge in other organisations and expects a great deal of interest.

Your Questions

For questions please contact the moderator of the challenge or post your question online. Our moderators will check, research and publish your question together with the answer. This way, all potential participants are certain to receive the same information.

How to submit a solution/idea

Go to the challenge page. Click on the button "Idee einreichen" on the right side of the page.

- Beschreibung
Post a meaningful description (make references to the description of the challenge and evaluation criteria on the right side of the challenge page)
- Mehrwert
Highlight the benefits of your concept/solution.
- Titelbild
Upload a picture to be displayed on the landing page of the challenge.
- Kooperationspartner
If you are handing in a joint contribution with other companies, this is where you make sure they are represented with logos and names.
- Dateien & Infos
If necessary in addition to the descriptions above: add pdf-files (e.g. existing product brochures). But: Keep your contribution manageable for the jury.
- Vertrauliche Infos
If necessary, place a confidential information for the jury, the sponsor and moderator (e.g. indication of approximate price range). All other parts of the contribution will be public.

Contact Information

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