

# Terms and Conditions

## For the Use of the E-Cube Benchmarking Facility at the Institute of Technical Informatics at Graz University of Technology

The purpose of this document is to establish the terms and conditions for the use of the E-Cube benchmarking facility (hereafter “benchmarking facility”) located at Graz University of Technology (hereafter “TU Graz”).

### 1. Description of the benchmarking facility

The [LENS group](#) of the [Institute of Technical Informatics](#) at TU Graz makes its internal benchmarking facility for battery-free systems available to academic and industrial institutions working in the area of low-power networked embedded systems, such that they can test their solutions for the EWSN'24 sustainability competition on real hardware (hereafter “users”).

The benchmarking facility, accessible via <https://iti-ecube.tugraz.at>, is located in the rooms and laboratories of the Institute of Technical Informatics at TU Graz (Inffeldgasse 16, 8010 Graz, Austria). As of today, the benchmarking facility offers the possibility to remotely program a number of MSP-EXP430FR5994 boards, to collect serial traces, as well as to assess the performance of each run that was executed.

After logging in, the users of the benchmarking facility can test their solution by uploading `hex` files (i.e., no source code needs to be disclosed) through the Web interface or REST API. All `hex` files are stored into the benchmarking facility’s server and are not publicly available.

To test performance, the benchmarking facility allows users to schedule individual runs, whose summary of results will be publicly available. The users expressly agree that the uploaded `hex` files can be used for perpetual testing and is stored internally in the benchmarking facility’s servers.

### 2. Terms of use

By signing this agreement, the users request an account to access the benchmarking facility and declare to use the provided credentials and the benchmarking facility according to the following terms, namely:

- To use the provided account and benchmarking facility exclusively for research & development purposes and to be responsible of the actions carried out with the provided credentials;
- Not to use the provided account and benchmarking facility to gain (or try to gain) unauthorized access to or disrupt (or try to disrupt) any service, data, account or network;
- Not to upload any spyware, malware, or pornographic material to the benchmarking facility’s nodes as `hex` file or in any other form, and to waive TU Graz from liability on the stored content;
- That every uploaded firmware does not voluntarily interfere with the operations of any equipment that is co-located with the benchmarking facility;
- Not to constitute or eventually lead to any threat or damage against any person or organization;
- Not to infringe any copyright, nor violate any import/export control and personal data privacy regulation;
- To agree on the [European General Data Protection Regulation \(GDPR\) 2016/679](#);
- To promptly inform the maintainers of the benchmarking facility about any malfunctioning hardware and/or software, unexpected unavailability of the facility, or any damage that occurred during experimentation.
- To understand that the benchmarking facility is offered to its users as a best-effort service without any guarantee on its functionality. Any action the users take upon the content and operation of the benchmarking facility is strictly at their own risk. TU Graz and the maintainers of the benchmarking facility will not be liable for any losses and/or damages in connection with the use of the benchmarking facility.

The users finally acknowledge and agree that every `hex` file uploaded through the Web interface or REST API is permanently stored into the benchmarking facility’s server and can be used by the maintainers of the benchmarking facility to test its performance.

### 3. Availability of the benchmarking facility

The benchmarking facility is available to its registered users in a best effort fashion 24/7. While the maintainers of the benchmarking facility will try to ensure its correct operation, the availability and functionality of the benchmarking facility is not guaranteed. TU Graz employees and affiliates may be granted with a priority access policy.

The maintainers of the benchmarking facility also reserve the right to revoke access to registered users at any time. TU Graz provides the benchmarking facility without any warranty for any merchantability or fitness for a particular purpose and without any other warranty, express or implied. TU Graz is therefore not liable for inaccuracies in performance measurements as well as for any malfunctioning or unavailability of the benchmarking facility. TU Graz is furthermore not liable for any use by the users or any loss, claim, damage or liability, of whatsoever kind of nature, which may arise from the use of the benchmarking facility.

### 4. Contact and key maintainers of the benchmarking facility

For any enquiry about the benchmarking facility, please contact [ecube@iti.tugraz.at](mailto:ecube@iti.tugraz.at).

The key maintainers of the benchmarking facility are currently:

- Markus Schuss ([markus.schuss@tugraz.at](mailto:markus.schuss@tugraz.at), +43 316 873 6409);
- Carlo Alberto Boano ([cboano@tugraz.at](mailto:cboano@tugraz.at), +43 316 873 6413).
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### 5. Violations of the terms and conditions

Users that do not adhere to the aforementioned terms and conditions will be denied access to the benchmarking facility (i.e., their account will be deactivated) and will further be liable for any administrative or criminal consequences of their actions.

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## IN ACCEPTANCE OF THE AFOREMENTIONED TERMS AND CONDITIONS

I hereby declare that I have read, understood, and will strictly adhere to the terms and conditions for the use of the E-Cube benchmarking facility.

**First and last name:**

**Preferred username:**

**E-mail address:**

**Institution and address:**

**Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

By signing this form, the users agree that their personal data (names, affiliation, address, e-mail, and preferred username), as well as login data such as user and password are processed on the basis of the data protection agreement available at [https://iti-ecube.tugraz.at/wiki/index.php/Data\\_Protection](https://iti-ecube.tugraz.at/wiki/index.php/Data_Protection). Consent may be withdrawn at any time by sending an e-mail to [ecube@iti.tugraz.at](mailto:ecube@iti.tugraz.at).