



Gorbyte's *BRDG* at a Glance



About the BRDG

The **BRDG** is the first of Gorbyte's devices conforming to the blockchain-registered unique device (BRUD) architecture.

The virtual **BRDG** is a virtual device running on a PC or mobile device.

The wearable **BRDG** is an autonomous, mobile device.

BRDG services are provided by Gorbyte with complete privacy. You do not need to share your ID or personal information with anyone.

Your BRDG to the World

The virtual **BRDG** provides you with the following services:

- Free, unlimited, secure financial transactions anywhere in the world, with fast transaction confirmations.
- No-fee interest-bearing savings account. The annual interest is equivalent to the inflation rate of other currencies with respect to the Gorbyte basic currency.
- Provides you with more stable prices in **Gors** (Gorbyte's re-based currency).
- You receive a percentage of Gorbyte's fees paid to the network by distributed applications, in proportion to your currency holdings.



Wear the Blockchain

The wearable **BRDG** is an autonomous device with a state of the art tamper-proof design, that will include the latest biometric functionality, the full functionality of a Gorbyte node, the functionality of a hardware wallet, and secure communication capability to the internet (via cell and wireless) and to the IoT world (e.g.: via bluetooth or the fog).

With the wearable **BRDG** you will have access to many blockchain-based applications providing you with any service available on the blockchain.

For example, you may want

- Access Control Service, for immediate access to home, workplace, club house, airport check-in, hospital, etc. without ID, passwords or PINs,
- private secret messaging to anyone in the world,
- access to new blockchain-based social media with or without moderation,
- emergency medical service,
- etc.



What Makes the BRDG Possible

All of the above services and features are made possible by:

- The Gorbyte new-generation crypto-network;
- Gorbyte’s distributed operating environment (DOE);
- The blockchain-registered unique device architecture (BRUD);
- The latest, real-time biometric technology; and
- Tamper-proof, wearable hardware technology.



An Access Control Application Example

Bob, an employee of ABC Corporation, wears a **BRDG**.

He was hired for an accounting job. At the time of his hiring, his manager granted him access to several several restricted locations, including his office. He did so by introducing Bob's **BRDG** to ABC's new employee registration bot (*NERB*). As a result, *NERB* followed the manager's instructions and registered the public address of Bob's **BRDG**'s on the blockchain.

That registration represents a one-to-many association between Bob's **BRDG** and a list of Things owned by ABC, including several door locks. The association can be updated or revoked at any time by Bob or by ABC.

Every time Bob approaches ABC's restricted area, and his place of work, his **BRDG** and a series of Things meet through Bluetooth. They recognize each other, because of their blockchain registered public addresses. After Bob's **BRDG**'s timed signature is verified, the appropriate doors unlock, lights switch on, etc. just as Bob approaches.

No private information or ID is ever needed, exchanged, or transmitted, not even in encrypted form. Bob has no PIN or password to remember.

The **BRDG** verifies Bob's biometrics, but it does not need to share Bob's biometrics with any Thing, or anyone else.