

# In an Open World, combine mobility and security

Whether in the office, at a client or partner's site, or at home, your managers and work colleagues need to be able to access their data at any time. But at the same time, the risks have never been greater: with stolen laptops, industrial espionage, hackers, spyware... As Architect of an Open World, Bull has designed and developed **globull**, an innovative device to respond to the need for high levels of security in mobile computing.

## A device you can trust

**globull** lets your users take their work environment with them wherever they go, in total security, thanks to its:

- High-performance, high-security processor: at the very heart of **globull**, it secures the PC and its applications in real time
- Secure hard disk: a multi-zone, 60Gb disk protected by the security processor providing on-the-fly 256-bit AES encryption to ensure integral security for your data
- Multi-factor strong authentication using the touch screen: ensuring that your system is safe from any intruder or spyware on the PC
- Simple, high-power connectivity via the USB2 port on the PC being used: so you can carry your system, applications and data files anywhere, in complete confidence, onto any host PC, whether it's a laptop, a client or partner's workstation, or your home computer...



## Numerous potential uses

**globull** is a universal security tool for mobile computing. Each user can activate all or just some of the functional capabilities of their **globull**, at any time, including:

- Secure, removable media, for risk-free back-up and transportability of sensitive data

- Workstation security, thanks to the integration of the cryptographic processor with third-party applications, whether to encrypt the hard disk on the PC, to encrypt VoIP or to guarantee secure access to a VPN

- Total mobility, with hosting of the operating system and applications in a protected partition of the **globull**.

So every user has access to his or her own, personal work environment on any host workstation: on a home or a client computer, in a hotel... and once he or she has finished working, leaves no trace.

With **globull**, data on laptops or USB keys can no longer be stolen, systems pirated or confidential information exposed. Your secrets remain secret, even if they are lost. And your data is always with you, available and accessible only to you.

**globull**  
the heart of my computer  
always with me

## Significant advantages for your business

With **globull**, you can ensure that your organization's mobile computing projects are a success. So that ultimately, you can safeguard your information assets. Your business can conform to regulatory requirements on data protection more effectively. And you can guard against the financial consequences of data loss or piracy.

## With globull, your users can truly revolutionize the way they work

With **globull**, your users can at last give of their very best in an Open World. Whether they are senior executives, consultants or sales representatives... their working environment stays with them all the time, and is always secure. Their data is completely protected. Wherever they may be, they can communicate absolutely confidentially. By combining **globull** with pooled PCs, just imagine how innovative you could be when it comes to rationalizing your IT asset

base? And the savings you could achieve in the cost of buying, administering and supporting your workstations?

## Technological innovations to combine security with mobility

- Ultra high-performance cryptographic processor, relieving the load on the host PC's processor, which remains fully available, with no loss of performance
- Independent hardware security, not involving the host PC at any point
- Opportunity to boot on **globull**, using the hosted operating system, for example Linux
- Centralized implementation and administration solution, enabling **globull** devices to be configured en masse (with secret codes, authorized algorithms, and personalization of specific functions) and their deployment to be tracked.



[www.myglobull.com](http://www.myglobull.com)

### Technical specifications

#### Features

60Gb hard disk  
 USB cable  
 LCD screen  
 Function keys  
 USB 2.0 Compatible  
 Size : 114,1 x 73 x 20,4 mm (4.5 x 2.9 x 0.8 inches)  
 Weight : 122 g (4.3 oz)  
 Operating temperature: 0°C to 45°C (32°F to 113 °F)  
 Storage temperature: -20°C to 80°C (-4°F to 176 °F)  
 Humidity: 8-90% without condensation

#### Security

Cryptographic processor, entirely developed by Bull  
 Performance: 100 Mb/s in 256-bit AES mode  
 Disk 100% encrypted in 256-bit AES  
 Disk 100% protected (Hmac-SHA1 with 256-bit keys)  
 Support for PKCS#11 and MS-CAPI standards  
 CIK (Crypto Ignition Key) technology  
 Supported algorithms: AES 256 in CBC or ECB mode (generation, encryption), RSA 2048 (generation, signature, encryption), SHA-1 (HMAC)  
 FIPS 186-2 compliant

#### Administration

2 roles: administrator and user  
 Optional deployment workstation  
 Secure updating of **globull** using the USB interface