

**Bancor BBV**  
**Bancor Banknotes Validation**

**bancor**  
*Thinking quality for innovation*

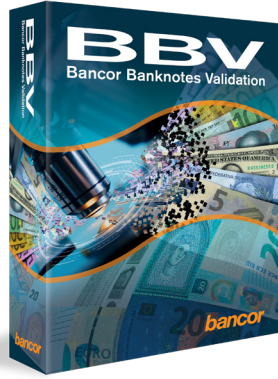


# bancor Banknotes Validation BBV

is the solution for reading and verifying banknote authenticity controls

## BENEFITS

- **Time saving** as it avoids the need to manually control the authenticity of the banknotes
- **Operating costs reduction** by minimizing the possibility of handling unsuitable banknotes
- **Increased security** by eliminating the risk of cashing in and having to manage false suspicions, thus eliminating the losses resulting from taking charge of unsuitable money
- **Reduction of manual errors** through the reliability of bancor solutions
- **Increased efficiency and operational effectiveness** by automating the banknote verification process
- **Reduction of frauds risk** and possible disputes
- **Improvement of the image perceived** by customers, financial authorities, credit agencies, etc.
- And many others...



## APPLICATIONS

### Financial Institution

Who want to carry out independent controls to verify the authenticity of the banknotes

### Public Administration

Who offer paid services in self-service mode and want to carry out banknotes authenticity controls

### Service Centers

To verify the banknotes authenticity controls

### OEM

Who want to integrate their devices with banknote authenticity controls

### GDO

Who need to carry out authenticity controls of the banknotes received through self-service payments

### Retail

Who need to carry out authenticity controls of the banknotes received through self-service payments

### Others

Anyone who needs to carry out banknotes authenticity controls

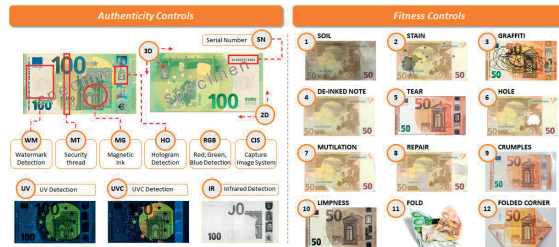
## MAIN FEATURES

- **Page processing time** ~ 1 sec
- **Automatic identification:** currency setting and subsequent automatic identification of banknote series and denomination in the database
- Images **auto-deskew**
- Images **auto-crop**
- **Network accessibility:** it allows you to immediately transfer any textual data for real time controls
- **Complete traceability:** reading of the serial numbers for complete traceability of the banknote
- **Image collection:** ability to collect images of all processed banknotes
- **Flexible integration:** textual information are stored in standard files (such as txt, csv, etc.) in a well-determined order to allow immediate use in any database
- **Kiosk mode:** silent operating mode without the need for a user interface
- **SDK package:** it allows the use of all **bbv** resources in your own application

## SPECIFICATIONS

### A versatile and cutting-edge OCR

- **bancor bbv** is an OCR solution that exploits the fifty-year experience of the image processing OCR recognition engines and bancor magnetic technologies, **achieving the highest results even with low quality and very worn banknotes**
- **bbv** carries out a **sophisticated image processing** that allows you to verify the banknotes authenticity controls
- **bbv** automatically pilots the scanner using the optimal parameters for the currency processed, the cut and the series, **automatically processing the information to be extracted and verified**
- **bbv** executes the **main BCE controls** (if present on the currency and if the device is set up with the appropriate sensors)



Source: European Central Bank

### Managed banknotes

- **bbv** supports major currencies, including: EURO, USD \*, REAL BRA
- It can also be adapted to the security requirements of any currency in the world

The application is also perfectly modular and upgradeable: at any time, at the customer's request, it will be possible to develop and add additional currencies according to their needs

\*Design in progress

### Reliability

**bancor** technologies can reach a reading accuracy of 99.99%

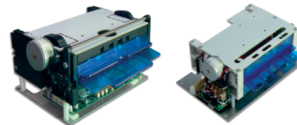
### Operational efficiency

Thanks to **bancor bbv** it is possible to reduce the verification time to a few seconds: in fact, it takes about 1 second for the banknote verification of the banknote, which is automatically recognized by the program

### Integrability

**bbv** is a solution that can be integrated on:

- specific **bancor** hardware device for A6 size



- any compatible hardware presents into the market which meets the minimum requirements

### Know-how and flexibility

Thanks to its flexibility and dynamism, **bancor** is able to develop any Software package based on customer needs: **bancor's** wide Know-How is in fact available to listen to customers and develop specific applications for them

