



# CASE STORY

## Security Printing

## Banky Foiben'i Madagasikara Madagascar

**Banky Foiben'i Madagasikara equips six branches with new systems for decentralised bank note destruction, increasing security and lowering transport costs in one stroke. Hunkeler Systeme AG presented a compelling concept and won the tender.**

Up to that point, Banky Foiben'i Madagasikara, the central bank of the island State of Madagascar, had destroyed each and every bank note which was removed from circulation at their headquarters. Now the institute has completed the destruction procedure with a satellite system and has equipped six of the branches spread across the island with new shredding lines. Hunkeler Systeme AG was commissioned with the planning, delivery and installation. Bank notes removed from circulation in the radius of the capital city of Antananarivo continue to be destroyed in that central system. About two years ago, Hunkeler Systeme AG installed a shredder system with a capacity of 800 kilos an hour in this location.

### High security, low costs

The central bank note destruction, as previously carried out, had certain disadvantages. The bank notes had to be transported to the bank headquarters in the capital Antananarivo from the entire island over rough terrain. The security hazards – theft - and the transport costs were high, as specially constructed vehicles and security personnel were necessary for such transports. The present satellite concept makes the destruction of securities and bank notes significantly safer and more economical.

### Completely automatic process

Banky Foiben'i Madagasikara gave very clear guidelines for the shredding systems. Firstly, each of the six lines had to be installed on a very small surface, and additionally, the whole shredding process had to be completely automatic. The particle size following shredding had to comply with security level P4 (DIN). 100 kilos of material per hour are shredded on three lines, and the resulting material is deposited in containers. The three other lines shred 250 kilos of material per hour, the particles are then compacted in briquetting presses.

Strict security regulations are in place not only for the destruction process, but also at the operating



Banky Foiben'i Madagasikara – here the headquarters in Madagascar's capital city Antananarivo – has switched from a centralised to a de-centralised system for bank note destruction.

levels. The entire shredding process is controlled by a security system and is permanently monitored. Access to the shredding rooms is limited to authorised personnel only. Thus, the operating staff, the security staff and the service technicians are all given specific authorisations.

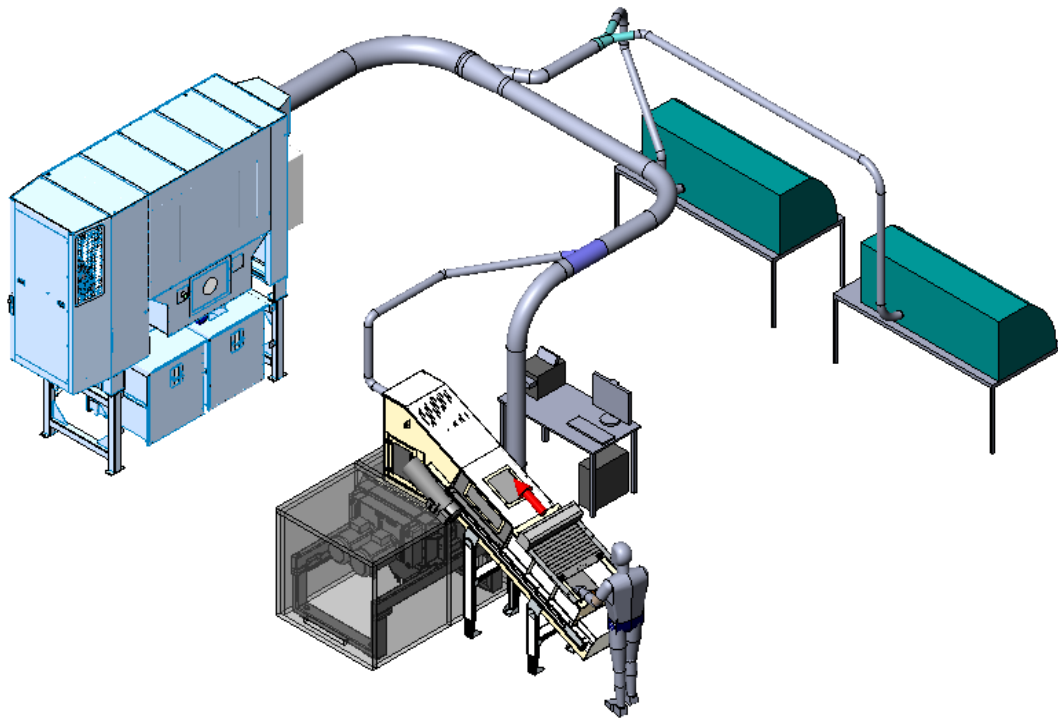
### Overall performance with compelling qualities

The concept, as developed by Hunkeler Systeme AG, convincingly meets all requirements. Not only was the high level of automation and the compact construction very interesting, but the quality-price ratio was a contributing factor as to why Banky Foiben'i Madagasikara chose Hunkeler Systeme AG.

During years of collaboration, Banky Foiben'i Madagasikara has come to know and appreciate the excellent quality of Support and Service from Hun-

keler Systeme AG. A three-level concept ensures rapid support for the customer. At the first and second levels, Hunkeler Systeme AG's distribution partners in Africa are standing by for Service and Support. For level 3, the technicians at Hunkeler Systeme AG in Wikon, Switzerland, are responsible.

They can adapt shredding system software via a remote connection as well as correct possible technical faults within a very short period of time and thus provide technical support for the bank employees where-ever they are located. This is a service which the customer appreciates, as the central bank is off the beaten (banking) track on a lonely island. It is therefore essential that those responsible have a reliable partner they can trust.



A great deal of automation and little working space: two important reasons why the customer decided to equip the six locations with shredding technology from Hunkeler Systeme AG.