

Sharing our skills, knowledge and expertise

- Risk Management
- Note Introduction Strategy
- Public Information Program
- Cash Handlers' Information and Education
- Automated Processing of Polymer Notes
- Note Quality Standard for Polymer Notes
- Currency Operations Work Systems and Processes
- Note Performance Evaluation
- Prepress
- Printing Trials
- Laboratory Services
- Product Security

Reliable *transfer* of knowledge



In the unique position of being able to share our skills, knowledge and expertise

PolyTeQ®'s objective is to ensure consistent quality in all the phases of polymer technology. Consistent quality will help ensure:

- public confidence in the integrity and functionality of the banknote,
- that the counterfeiter's job is made more difficult as the note quality and its security features remain at a high standard for notes in circulation; and
- trouble-free processing in the expanding network of ATMs, cash handling and vending machines that is driving an increasing standard in note quality levels.

The vast experience gained since the introduction of polymer banknote technology in 1988, and through the technology's continuing development, provides PolyTeQ® with the skills, knowledge and expertise in all aspects of Guardian® technology.

How to contact PolyTeQ®



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PolyTeQ Services
Global technology support for Guardian® polymer substrate

Technology *transfer* and support



Our purpose is to facilitate the successful adoption of Guardian® banknote technology

Guardian® polymer banknotes represent the cutting edge of currency technology. Experience has shown that for any change in technology to be successful requires specialist skills, experience and commitment - PolyTeQ®'s purpose is to assist with the successful introduction or expansion of Guardian® banknote technology.

With the growing adoption of the technology across the continents, the team at PolyTeQ® Services has developed expertise in all phases from planning and risk management to printing, issuing and recycling. Our technicians use the experience gained in countries that have already successfully introduced Guardian® banknotes to assist in the transition from paper to polymer.



Technology *transfer* to ISSUERS



Minimising the risk and maximising the success of the introduction of the polymer notes.

PolyTeQ® Services works with the banknote issuer to develop and implement a note introduction program to meet the unique requirements of each issuer. The program focuses on the following components:

Risk Management

- Minimising the risk and maximising the success of the introduction of the polymer notes.
- Implementation of a program of risk management and project control.

Note Introduction Strategy

- Review and analysis of note introduction strategy options.
- Development of an appropriate strategy for the public and the note issuer.
- Strategic planning and control for the polymer note project.

Public Information Program

- Public information material - posters, brochures, media advertising.
- Media liaison - media conferences and information releases.

Cash Handlers' Information and Education

- Information and education seminars for cash handlers.
- Information and support programs.

Automated Processing of Polymer Notes

- Information and support for automated processing of polymer notes.
- Machine set-up and calibration.

Note Quality Standard for Polymer Notes

- Development and implementation of a note quality standard for notes in circulation.
- Monitoring note quality.
- Pro-active management of the quality of the notes in circulation.

Currency Operations Work Systems and Processes

- Review of existing work systems and processes - focus on efficiency and effectiveness.
- Introduction of appropriate changes or enhancements.
- Advice on destruction/recycling of polymer notes.

Note Performance Evaluation

- Introduction of a note evaluation program to monitor note performance and note life.
- Note data collection, analysis and reporting.



Technology *transfer* to printers

Minimising inconvenience and maximising the success of the introduction to printing polymer notes.

PolyTeQ® has a comprehensive range of services available to banknote printers in support of a polymer introduction program:

Printing trials

- Pre-trial visits
- Overcoating
- Quality control durability tests
- Report and follow-up

Preliminaries

- Substrate design
- Note design
- Specifications

Pre-press

- Plate making
- Substrate proofing
- Note proofing
- Specifications
- Tooling

Production

- Materials
- Printing processes
- Overcoating
- Finishing
- Process control

Laboratory services

- Quality testing
- Finished note testing
- Mutilated note analysis
- Counterfeit analysis
- Note performance analysis

Quality

- Systems
- Standards
- Certification

Security

- Product
- Delivery
- Storage
- Destruction

Health and safety

- Storage
- Production
- Processing
- Manual handling
- Overcoating
- Finished note

