

Glory
Global
Solutions



Ntegra™ Plus and Ntegra™ Pro Multi-currency desktop banknote counters and sorters



Glory Global Solutions is a World Expert in cash management, delivering technology and solutions that provide security, productivity and innovation to our customers. These solutions are supported by the technical expertise of GLORY Group of Japan, the pioneer in development and manufacture of money handling machines across the financial, retail, vending machine, amusement and gaming industries for nearly 100 years.

Across the world, Glory Global Solutions is trusted by thousands of organisations to ensure their cash is managed securely and efficiently whilst delivering the ultimate in productivity. 2,500 professionals, including over 1,300 service and support staff and 350 business partners cover over 128 countries delivering these solutions – wherever money moves.

Ntegra Plus and Ntegra Pro

In today's economic climate, businesses are faced with the challenges of cutting costs whilst increasing efficiency. All businesses will look for efficiency savings, however, where overheads and capital costs have already been cut back to the critical mass, additional avenues for delivering profit need to be explored.

Efficiency savings and reduced cash processing costs remain critical business drivers as well as being key performance indicators for most cash handling organisations today, whether a bank branch, cash centre, foreign exchange bureau, retailer or casino.

The Ntegra™ range from Glory Global Solutions are compact and portable desktop solutions for banknote counting and sorting challenges. Engineered to deliver unprecedented efficiency savings through continuous and uninterrupted use, Ntegra can denominate and authenticate different currencies at a processing speed of 1200 notes per minute. It is fast, strong, reliable and provides state-of-the-art authentication capabilities.

Glory Global Solutions is now introducing the Ntegra Plus and Ntegra Pro; the new range of banknote sorting solutions offer enhanced detection capabilities, increased memory and processing capability, dual user operation and additional connectivity options.

The Ntegra can revolutionise desktop cash handling in small, medium and large cash processing environments. Optional fitness sorting capability ensures that processes, which were once only achievable on large sorting systems, are now attainable at the front line. Designed for organisations looking to deploy an affordable sorting solution, the Ntegra ensures both customer and legislative requirements are met, whilst lowering operational costs. In addition, a compact footprint allows Ntegra to be used in areas where space is at a premium.



The new Ntegra Plus and Ntegra Pro offer numerous development enhancements, which all combine to ensure the Ntegra range offers additional operational improvements for the user:

- Dual-user operation for greater flexibility
- Enhanced visible CIS technology (dual CIS on Ntegra Pro) and improved high-resolution IR ensure improved image detection and fewer false rejects
- Enhanced soil/stain/graffiti detection allows for improved, more repeatable fitness sorting on all note qualities
- With new USB (Host), LAN, OSD and an SD card slot, connectivity options are improved to allow greater operational flexibility, faster pattern set update and more storage options, such as OCR data
- Significantly increased system memory enables storage of a larger quantity of statistical data
- A newly designed note transport path improves note handling and means fewer note jams
- The addition of the new Ntegra Pro, with the capability of taking additional reflective images of the banknote, significantly improves image detection on poorer quality banknotes



Ntegra benefits

Allows continuous and un-interrupted processing, whilst rejecting suspect/unwanted notes to a separate reject pocket

Delivers a variety of different counting and sorting processes whilst recording and maintaining the data in a multitude of formats

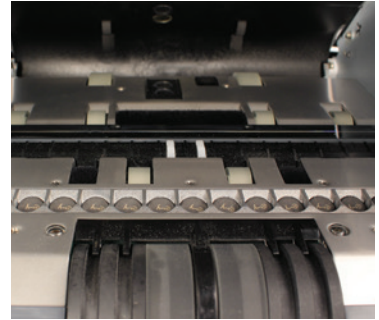
Provides an industry leading user-experience designed to motivate and empower staff.

Delivering unprecedented efficiency savings

Detection

Ntegra uses a combination of "full width" and "dedicated" detectors for a range of paper and printing security features.

- Full width Contact Image Sensors capturing white light and IR images.
- Full width Ultrasonics (optional detector for detection of tape on banknotes)
- Multiple Channel Magnetics
- Ultraviolet Reflectance
- Fluorescence



User experience

Ntegra provides an unmatched user experience. A large colour LCD graphical user interface and multi-language options provides a machine which is incredibly easy and intuitive to use.



Multi-currency

In many cash handling applications, the ability to process different currencies proves to be problematic. The ability to process multiple different currencies on a single piece of equipment is the ideal solution for these challenges. Ntegra has the capability of processing up to 10 different currencies, depending on the currencies in use.



Connectivity

Today, counting money is no longer just about counting money. It is now about audit trails, data records and statistical analysis. All records need to be kept electronically as well as in hard copy. Collecting and managing this data can be time-consuming, however, Ntegra is equipped with multiple options for automating the process.



Integral printer

Another valuable feature of the Ntegra range is its integral printer. The addition of a built-in printer ensures the overall footprint for a machine and printer solution is further reduced. This is a significant consideration in applications where space is at a premium.



Flexible modes of operation

The Ntegra range offers a wide range of operational modes: counting, authentication, denomination sorting, multi-currency processing, facing and orientation of banknotes, issue splitting, serial number printing and ticket in/ticket out processing.

Fitness sorting

The Ntegra Fitness Plus and Ntegra Pro models provide the flexibility and configurability to deliver a range of fitness sorting capabilities to meet various legislative standards or specifically defined requirements.

Ntegra Pro and Ntegra Plus

Technical Information

Users	Dual – with indicator lights
Image detection	1 × CIS – Ntegra Plus and Fitness Plus 2 × CIS – Ntegra Pro High resolution IR
Speed range	800 – 1200 notes per minute
Document range	62 × 120 mm to 82 × 180mm
Capacity	Feed hopper = 500 notes Stacker hopper = 250 notes Reject = 100 notes Feed hopper option = 1000 notes
Display	3.5" Full Colour LCD
Connectivity	Standard 2 × RS232 Serial 1 × USB 1.1 (Slave) Options 1 × USB 2.0 (Slave) 1 × USB 1.1 (Host) LAN OSD SD Card
System Memory	2 Gb
Serial number processing options	Serial Number Scanning and Printing Serial Number Comparison Serial Number via OCR (option)
Power supply	100 – 240V AC, 50/60 Hz
Power consumption	140 W
Dimensions (H × W × D)	302 × 311 × 319 mm
Weight	13 kg
Manufacturing standards and approvals	ISO9001, CE
Accessories	Additional currencies Remote display Integral printer Ticket In / Ticket Out (TITO) Clearance Program

*This product is not for sale in North America.

Glory Global Solutions
Infinity View, 1 Hazelwood, Lime Tree Way, Chineham,
Basingstoke, Hampshire RG24 8WZ, UK
T +44 (0)1256 368000 F +44 (0)1256 368002
info@uk.glory-global.com www.gloryglobalsolutions.com

Glory Global Solutions is part of GLORY LTD.

This document is for general guidance only. As the Company's products and services are continually being developed it is important for customers to check that the information contained herein includes the latest particulars. Although every precaution has been taken in preparation of this document, the Company and the publisher accept no responsibility for errors or omissions. The Company and the publisher accept no liability for loss or damages resulting from the use of the information contained herein. This document is not part of a contract or licence save insofar as may be expressly agreed. All capabilities and capacity and throughput figures are subject to note/coin size, note/coin quality and process used. GLORY is a registered trademark of GLORY LTD. in Japan, the United States of America, and EU. All trademarks are owned by the GLORY Limited Group of companies. © Glory Global Solutions (International) Limited 2015.

