

Compuprint

Printing and Scanning Solutions

Compuprint product portfolio

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Compuprint at a glance

Compuprint Serial Matrix 9000 plus / 10000 plus Series and Compuprint 4247 plus Series

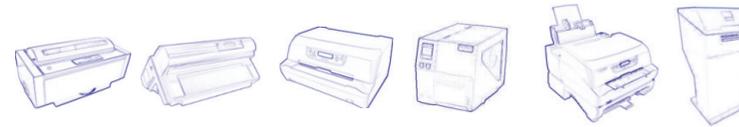
These printers are the **fastest and most robust printers in the market**. They deliver fast throughput and meet the challenges of printing in the most demanding and multi-copy situations. They provide the possibility to print on various paper media and still guarantee long, trouble free unattended jobs. They are often used in situations where the customer appreciates and takes full advantage of their flexibility, reliability, long printing runs and low operation costs. IPDS over LAN. Furthermore, for existing IBM, InfoPrint or Ricoh 4247 customers looking to add or replace a 4247 printer, the Compuprint 4247Plus are identical and be installed without any problem.

MODELS - range from 720 cps (characters per second) print speed, approximately 290 LPM (Lines Per Minute) or 600 PPH (Pages Per Hour) to 1300 cps speed, approximately 460 LPM or 860 PPH. The printers support most all emulations and protocols to ensure plug-in-and-play compatibility in most all operating systems and environments. All models are available a full interface configuration including Parallel, Serial, USB 2.0, Ethernet and IPDS over LAN.



A printer company

As **printers manufacturer**, printing solutions are our core business and we offer a comprehensive range of printers, accessories, supplies for professional requirements on a wide range of work environments and applications.



Research and Development

We are deeply committed to continuous and substantial research and development. The technologies of all our products are driven by research that is carried out and shared amongst our dedicate development team.

Throughout our history, we have always paced great importance on innovation and R&D resulting in a host of user and environmentally friendly hardware.

Our blend of HW and SW expertise has produced a wealth of proven printing solutions.

Compuprint R&D includes in-house all the expertises including mechanical, electronic and software specialists needed to achieve high quality innovation, design and performance for all its products.



Production

We manufacture printers, print heads and electronic boards in GDS group facilities located over several countries. These facilities provide flexible capability from low to high volume production and are maintained with the highest levels of manufacturing standards, quality control systems and streamlined production procedures.



World wide presence

We sales our products world wide, **by our established network** of partners with presence in several countries and regional areas.

These partners are supported by our marketing with a comprehensive literature of our products for the correct address to any requirements.

Our partners are well established and highly respected within their own, and often, vertical markets; in most cases the relationship with these partners is based on **several years of experience working together to maintain the customer satisfaction**, product appreciation and mutual business growth.

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Compuprint S.r.L.

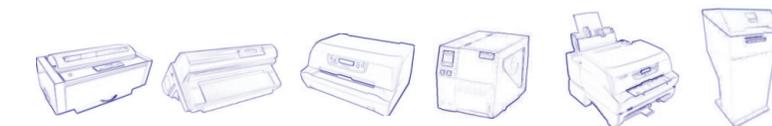
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The multi-technology printer company





Company profile

Compuprint is a leader in the development and manufacturing of printing and scanning solutions for professional, industrial and transactional front office applications.

Compuprint is dedicated to leading these market segments by adding value to enterprise printing and scanning requirements with advanced solutions that deliver cost efficiencies and a high return on your investment.

Compuprint's origins can be traced back **over 40 years to the printing divisions of Honeywell and Bull Group.**

Their legacy of designing and manufacturing millions of high quality and innovative printers during this time continues to this day.

Today, **Compuprint belongs to the GDS Group (Italy)** and carries on the business of high end dot matrix, transactional and thermal printers as well as scanners for the group and guarantees to meet the specific demands of the respective target markets.

Every product solution is designed and manufactured by Compuprint to be **the best choice to meet the specific print requirements in manufacturing, distribution, transportation, government and post office environments.**

Compuprint products deliver best in class speed, reliability and ease of use and general do it all at lowest cost of ownership.

Compuprint's headquarters is located in Caselle Torinese, near Torino (Italy) where products are developed for our own brand and OEM customers that commission us to design and build printers that are sold with their label.

The Compuprint products are exclusively distributed over the world by distribution partners, system integrators and VARs.

Company Mission

Invest in technology to sustain our long term product leadership commitment Focus on quality and reliability to ensure maximum efficiency and productivity Expand a network of partners with a mutual objective of growth and profitability Drive and support market expansion in new vertical markets and countries Be the best choice for customized solutions for OEMs or large end user projects.

Company Values

To be recognized for Compuprint's years of sustained product quality and reliability Long list of renowned customer base deliver the latest technology to ensure the right solution for any application To take full ownership of technologies and solutions to ensure the best support to our customers Maintain high focus on customer satisfaction A guarantee for many years of trouble free printing.

Environmentally Friendly Company

We consider the environment at all stages of the product lifecycle. The environmental effects of a product are mostly determined at the planning and design stages. Compuprint is totally aware of the responsibility to our environment and follows three basic policies to ensure we create innovative, environmentally friendly products: reduction of power consumption conformity with regulations to control chemical substances and resource conservation.

Our products contribute to the reduction of environmental impact by offering environmentally conscious benefits like the low power consumption, long life consumables, long life print heads and recyclable materials.

According to Directives of the European Community (RoHS and WEEE), we help reduce pollution and protect the environment because our products are free from lead, mercury, cadmium and other substances which are harmful to the environment.



Compuprint technologies

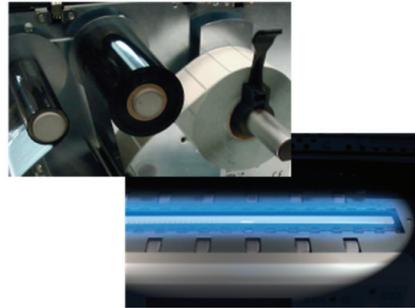
Dot Matrix Print heads

Compuprint develops and manufactures our own print. We use tungsten needles to achieve fast print speed while maintaining print quality and do this with the highest print head life of up to 800 millions of characters. Their exceptional efficiency allows high duty cycles by reducing heat and power consumption in a compact size. Our print heads offer exceptional value through high performance, quality and reliability that result in greater reliability and lower maintenance costs.



Printing and Scanning mechanisms

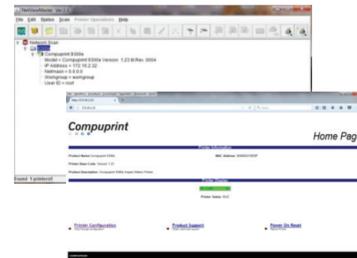
Compuprint dot matrix, thermal printers mechanism are reliable and ensure long print runs and trouble free unattended jobs, making them the perfect choice when printing large amounts of data quickly and reliably. If you want **long life, high quality and low cost per page** our printers are the ideal choice. Multi-format document scanning and capture. cheque processing functionality. High resolution duplex imaging. Industry standard TWAIN interface. Wide range of connectivity.



Electronic Drivers, Embedded Controller and Software design

The logic hardware and firmware are developed to maximize print speed and throughput, to be easy to use and set up and be completely compatible to ensure plug-in-and-play for all operating environments.

Our products include all interfaces and protocols for easy and quick installation even in existing applications. Compuprint defines specifications and features based on markets requirements using the latest components and technologies.



Software Tools

Compuprint has developed a Remote Control Management Software (NetViewMaster) to help administrators to manage, support, remotely monitor and control any printer connected on a network from a central location. Through a browser based graphical interface, Compuprint NetViewMaster monitors printers activity from any desktop providing alerts, status, paper presence and configuration level as well as a remote virtual operator panel. This software enables more efficient support and streamlined management of the organization's assets. NetViewMaster is given free of charge with our products of Dot Matrix and Transactional series.

Cheque Fraud Detection – U.V. & I.R. technology

Compuprint has developed jointly with specialized software houses a tailored software used in the SP40 plus scanner as well as TSP40 plus able to scan RGB, U.V. and I.R. covering all new DLL's features requested by worldwide banks (i.e.: Italian Banking Association - A.B.I.) for the new micro-perforated cheques used as anti-fraud measure. For banking applications a magnetic ink character recognition (MICR) and a magnetic stripe read and write (MSRW) are features which turn your SP40 plus into a Swiss knife. While MICR supports the standard CMC7 and E13B, for MSRW all established types have been implemented like DIN 32774 and Borrourghs.

Compuprint banking applications

In a bank, the physical inspection of each paper cheque is impossible. Compuprint is the cutting edge of technology and with his constant innovation Compuprint SP40 plus scanner is able to provide to customers an integrated solution that allows them to improve the level of fraud detection while maintaining cheque processing efficiency. It integrates a C.I.S. (contact image scanner) for ultraviolet (UV) light which is able, via software, to detect the UV ink present in the critical areas of the cheque such as the signature, codeline, amount and bank logo and identify immediately a fraudulent cheque.



Highlight of suspected fraud



Normal Scanning



UV Scanning



At the same time Compuprint implements in SP40Plus and TSP40PLUS a C.I.S. with Infrared (I.R.) light able to determine whether a cheque is fraud looking to see which portion of the cheque are printed or written in infrared ink. Because infrared is not visible to the human eye, the ability to "see" infrared ink requires a software viewers solution which renders the IR ink into a visible spectrum.

Moreover, the embedded software is compliant to the guidelines of A.B.I. (Italian Banking Association) that, as further antifraud measure, implements the microperforated cheques with the target of having the back side of the image unequivocally attributable to his front.



Compuprint SP40 plus Transactional Multifunction Printer Series

Besides to the mentioned UV and IR detections our SW is equipped with the PDF/A, a international standard (ISO 19005) created for the long term archiving of electronic documents and developed with I.Q.A. (Image Quality Assurance) that help the teller to perform specific quality detect controls during the phase of acquisition of the cheques images (jpeg) making 14 tests of quality assurance of the images (i.e. - image undersized , image too dark, image too light, cheque folder corners).

The SP40 plus printer models are specially **developed for banking and financial applications.** They are able to handle passbooks, cheques and any type of transactional documents size and weight including multi-copies. SP40 plus versions are available in a range from printers that are uniquely for intensive transactional use up to the new emerging banking applications like image capture in document-based transactions, on-line clearing, endorsements or digital archiving of documents for database creation. For these requirements the SP40 plus Series includes models equipped with a **dual side color scanner**, a device reader to decode the MICR code line and a read/write magnetic stripes on cheques and passbooks. A Multifunction All-In-One version can to eliminate several devices from the front desk saving space and improving productivity. This A truly "state of the art" solution also provides the lowest cost of ownership in the market thanks to the long life print head and ribbon, low power consumption and high MTBF.



Compuprint TSP40 plus Transactional Scanner Printer Series

Is the natural evolution of the SP40Plus series and represents the most versatile and complete multifunctional counter printer/scanners currently available on the market. Compuprint TSP40 Plus combines in a single compact device a transactional printer, a document dual side color scanner and a cheque reader. The ADF's TSP40plus is capable of handling chip cards and magnetic stripe passbook, cheques and multiple sheets up to A4 format and enable bill payments. Documents and cheques are inserted on the top of the printer and are ejected on the bottom stacker, which not only allows simple and quick access but also save space on the bank counter. Single documents can be inserted also in the front path. Compuprint TSP40 Plus is also equipped with an ultrasonic sensor to avoid double feeding.

