POS Concerto

the virtuoso amongst POS systems

Customer Display	Radio Module	EFT	Mobile Ordering System	Scanner	Cash Drawer	Scale

RS232 / USB

Ethernet

POS Concerto	POS Concerto	QMP Series	PC

Modem

Receipt Printer

Kitchen Printer

Fiscal Printer
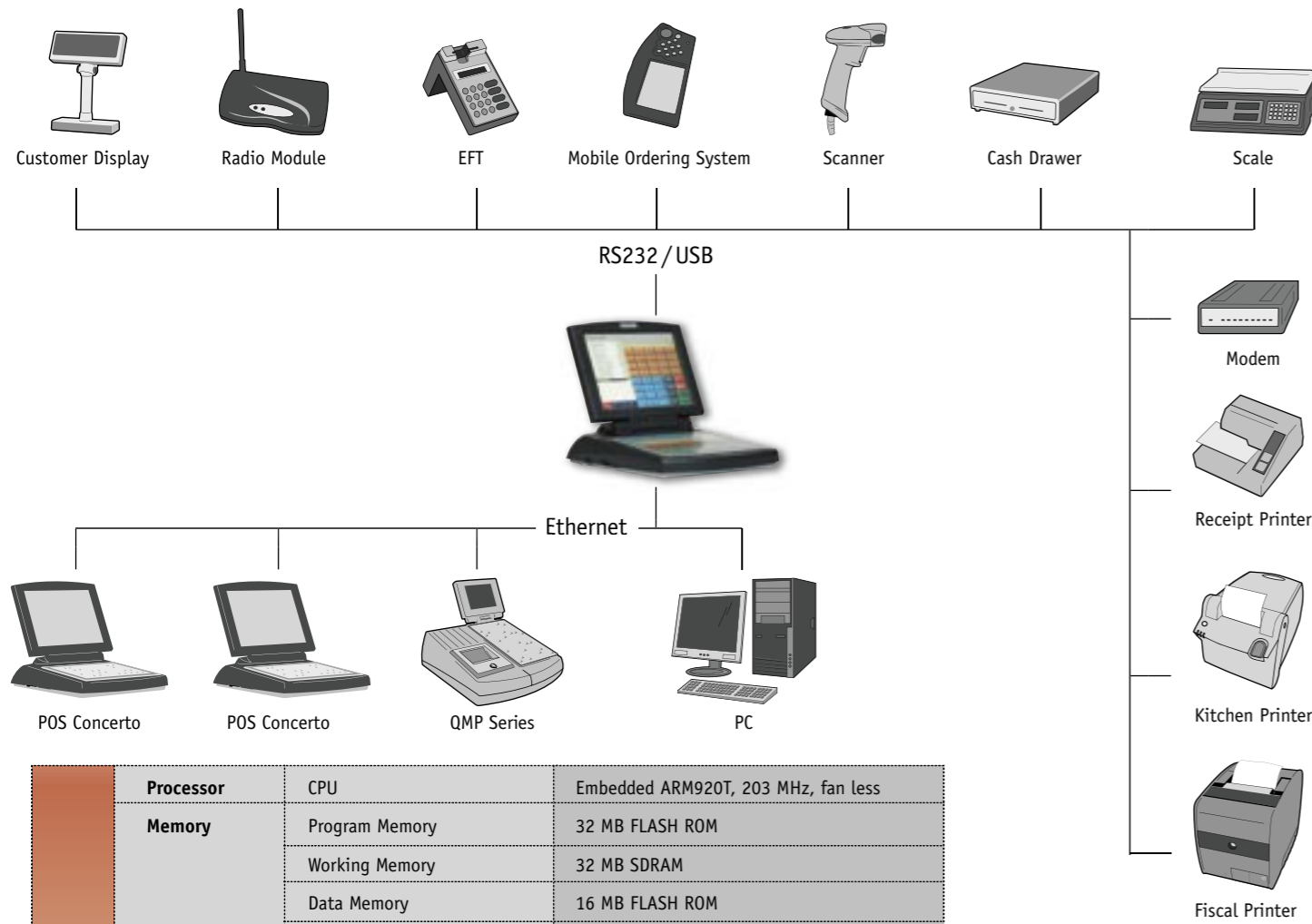
Technical References

Processor	CPU	Embedded ARM920T, 203 MHz, fan less
Memory	Program Memory	32 MB FLASH ROM
	Working Memory	32 MB SDRAM
	Data Memory	16 MB FLASH ROM
	Temporary Memory	1 MB SRAM (battery buffered)
	Memory Expansion	SD card slot
Display	Operator Display	12.1" TFT-Color-LCD, anti glare
	Touch Screen	4 wire resistive
	Resolution	800 x 600 pixel
	Adjustable Tilt Angle	0° - 140°
	Customer Display	Graphical VFD, 140 x 16 pixel (optional)
Keyboard	Built-in	156 keys flat, spill-proof
Interfaces	Serial	2 x RS232 (standard) + 4 x RS232 (optional)
	USB	2 x Host
	LAN/Ethernet	1 x RJ45 (optional)
	Cash Drawer	2 x RJ11
	Card Reader	1 x Smart Card, 1 x SIM Card (optional)
	Clerk Key Lock	Magnetic Dallas i-Button
Software	Operating System	Embedded Linux
	Application	QMP – Quorion Multi Purpose
Specifications	Dimensions (DxWxH)	380 x 330 x 95 mm
	Weight	6.2 kg
	Power Supply	External AC adapter, 110 ... 240 V
	Operation Temperature	0 ... +40°C
	Storage Temperature	-10 ... +50°C

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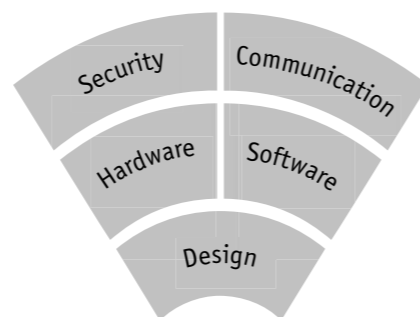E-Mail   sales@quorion.de

POS Concerto | The way to conduct business

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The Virtuoso amongst POS Systems

An efficient business in many ways resembles a finely tuned, musical ensemble. It is the harmonious interaction and integration of the individual sections that ultimately delivers a rewarding performance.

In a classical concert the conductor achieves this feat by skillfully guiding each particular segment to craft his masterful act. Likewise, the Quorion POS Concerto cleverly unifies 5 technological elements with style and grace. It masters the delicate interplay between hardware and software, communication, security, as well as expressive design. The result is a superbly tuned ensemble of technology that stands ready to meet the challenges of your business. The POS Concerto delivers the definitive and virtuosic performance you require to manage your enterprise. Come and discover why the Quorion POS Concerto earns standing ovations from its audience.

Security | Communication
Hardware | Software
Design

Retail

The Quorion POS Concerto has the distinct ability to deliver intelligent, profit maximizing features for retail management. The Concerto supplies a **complete management system** with highlights such as 50,000 PLUs, scanning, and stock control. You can also program up to 50 variations of **multi-buy action tables** and thereby offer special discounts to your clients with repeat purchases. Furthermore, the Concerto makes **cross-selling** possible during transactions. A pop-up menu shows a list of all items that may also be of interest to the customer. The clerk can then suggest an item from that list. This definitive collection of features provides the means to resourcefully increase your revenue.

Design

The Quorion POS Concerto's newly designed high-grade housing is especially refined and delicately expressive. Yet, the Concerto nevertheless convinces with its sturdy construction and performs magnificently under arduous conditions.

Moreover, the touch-screen-keyboard combination lets you experience the best of both worlds in perfect harmony. Both keyboard and display morph into an easy to use, ergonomic interface to bring about a positive effect on your business. The anti-glare, 12 ", color TFT touch screen accelerates through-put and minimizes entry errors. It allows you to rapidly handle complex, menu based ordering.

Meanwhile, the flat keyboard protects against spills and facilitates speedy PLU call up for experienced users or frequently sold items. In unison, the hard keys let you quickly process and enter large amounts of information such as customer addresses. Trainees in turn benefit from the user friendly touch navigation, which leads them through the order process by displaying available options.

With a reasonable investment you not only expand the possibilities of your input area, but also profit from the fully integrated POS hardware. The Concerto incorporates touch screen technology with a keyboard, customer display, and Dallas lock to become your one-source hardware solution. These design and functional characteristics ultimately lower your costs, enhance productivity, and increase customer satisfaction.

Design

- Modern design, high-grade housing
- Unique combination of keyboard and touch screen
- Graphical customer display
- Swivel mounted 12" TFT-screen
- Anti-glare screen surface
- Ergonomic input area

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Hardware

The Quorion Concerto is an embedded and closed POS System. As opposed to a PC there are no noisy fans or labor intensive parts. No dirt and fluids can enter the housing and damage your hardware. This is especially beneficial in the hospitality industry, where spills and accidents happen more often.

The embedded processor brings complex jobs down to size. Ample memory reserves and battery buffered, short term memory reinforce performance and longevity. The POS Concerto therefore has the capability to grow with your business and remain your long term partner in business management.

Hardware
- Embedded ARM920T processor
- No hard disc – low maintenance
- 32 MB FLASH ROM program memory
- 32 MB SDRAM working memory
- 16 MB FLASH ROM data memory
- 1 MB SRAM temporary memory (battery buffered)

Software

At the forefront of the POS Concerto is the newly expanded and internationally acclaimed QMP software. It is exceptionally well balanced and incorporates great sensitivity to fine detail.

The embedded, high-performance program imparts the power to customize system parameters. Its dynamic memory allocation and easy programming permits you to assign resources to the parameters, which are most important to you. Extensive keyboard levels and an interactive window-system also make operation extremely user friendly. Set up custom menus, multiple function or quick tender keys fast and easy. Unsurprisingly, the QMP software makes management critical reporting effortless. The POS Concerto quite simply sets the tone for retail, hospitality, and hotel applications.

Software
- QMP – Quorion Multi Purpose
- Dynamic memory allocation
- Freely configurable report structure
- Easy programming
- Graphical user interface
- User friendly

Hospitality

The graphical touch screen opens new possibilities to cleverly manage your restaurant. Take advantage of a user interface, which offers table layouts, menu structures, and button customization. Create fully interactive **table layouts** to fit the interior of your restaurant. Color codes show the status of a table and thereby convey information about it–see which tables are open or closed as well as those that the service staff has ignored. **Skillfully manage all tables** to increase operating efficiencies and maximize customer turn-over. Separate / combine tables, reopen them, or transfer balances fast and easy. You can also take advantage of the Concerto's **table floating capability**, which automatically transfers all active sales data per customer to any POS system in your network. Share information and devices over a network to remain as flexible as your business requires.
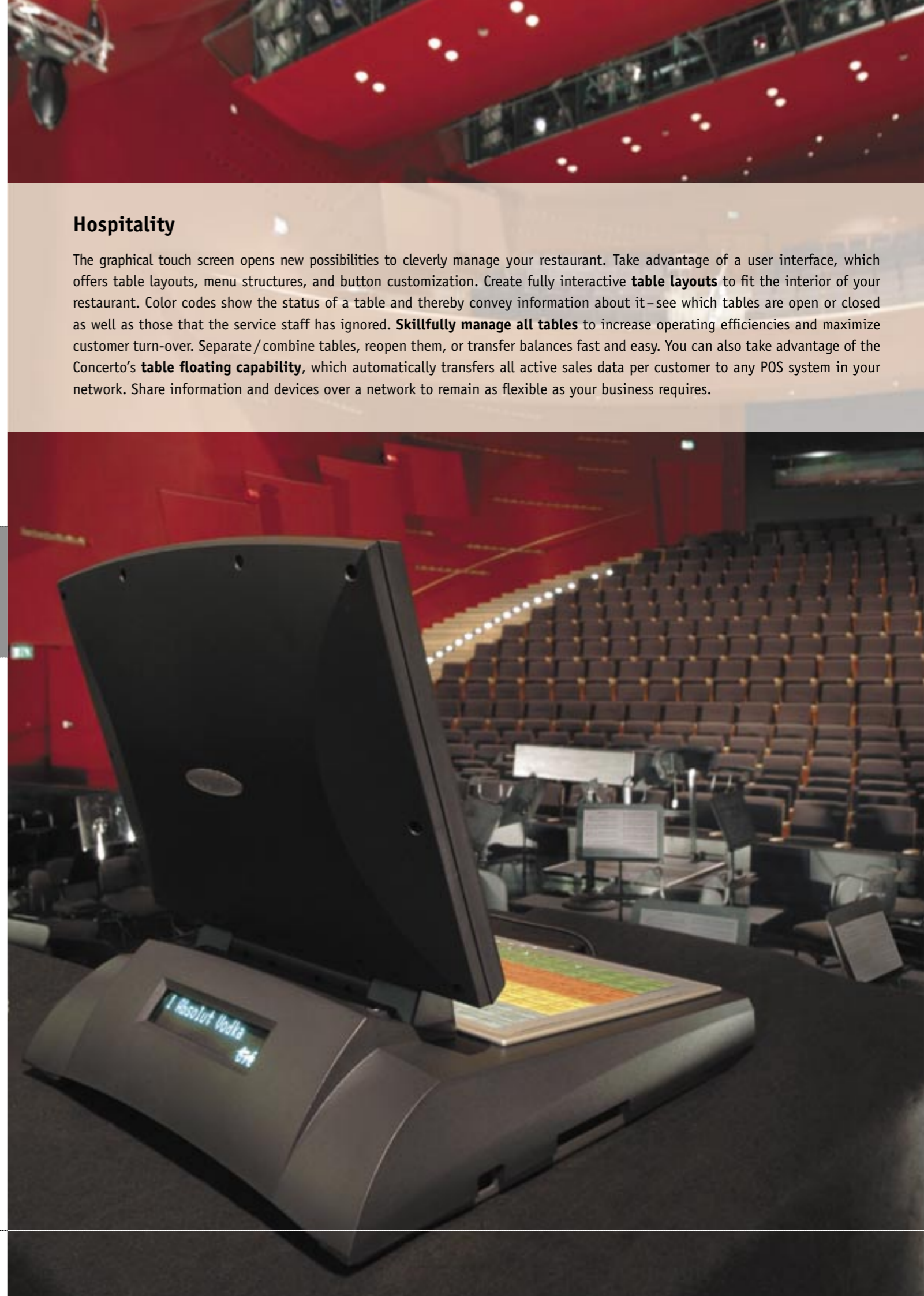
Security

In addition, the hardware provides system stability that is built right in. To illustrate, the FLASH ROM data memory assures you permanent and secure data storage. Similarly, the SRAM short term memory maintains your data integrity in case of power failures during ordering. In such a scenario, you would simply restart the POS system and retain the previously started receipt.

The nature of the proprietary hardware also disposes of the common PC problems such as data corruption or hard drive failures. Furthermore, the Linux operating system sets the foundation for solid, reliable operation, because it confers greater protection against manipulation and malware such as viruses. You can therefore rest easy knowing that your data is safe and secure.

Security
- Linux operating system
- Protected FLASH memory for sensitive customer
  data and reports
- Fast battery buffered SRAM for current receipt data
- Clerk identification with forgery secure Dallas-iButton
- Reliable proprietary hardware
- Safeguards against failures, manipulations and viruses

Communication

The POS Concerto comes with a full array of interfaces to ensure that you can work with the next generation of devices. Most notably is the Ethernet port, which gives you the ability to integrate the Concerto into any existing network for technically sound and cost effective communication. In addition, you profit from other interfaces such as RS232, USB, or RJ 11. The Concerto even contains card readers for SD, SIM, and SmartCard technology. This interface collection gives you all the compatibility you need for your branch specific devices such as mobile ordering terminals, wireless modules, beverage systems, and many more.

Truly remarkable are the system's remote management features. The Concerto opens up the door for you to step into a new era. Work from your office and comfortably manage your branches. Program your Concertos or call up reports remotely all via Internet. It is that easy. Indeed, the POS Concerto not only supports you in the way you do business, but also unlocks new possibilities for you to resourcefully manage your enterprise.

Communication
- Interfaces: RS232, USB, LAN, cash drawer
- Integrated card readers: SD, SIM, SmartCard
- Fast and reliable network facilities
- Data export and import
- PC driver software
- Remote management

Sector Specific Applications

Additionally, the Quorion POS Concerto provides a **tap control** link to your beverage systems. Theft and wasteful operation present a danger to your business's ongoing profitability. The Concerto stops this activity in its tracks, so that you remain in control of your enterprise. Its reasonable investment cost therefore amortizes itself in no time. Furthermore, the multiple interfaces and universal data formats let you **easily integrate** the Concerto **into any existing hotel or back-office system.** The POS Concerto handles **bakery and barber shop functions** as well. It grants you the means to shrewdly process your business's essential information.