OMNII™ RT15
BEAUTIFULLY RUGGED

Product Guide 2012

PSION

INTRODUCING THE ALL-NEW PSION OMNII™ RT15

You asked for it, we built it.

The new Omnii RT15 is the direct result of acting on requests for a sleeker, customer-facing device that's rugged enough to handle unforgiving field service environments. It combines modularity, performance and durability for mobile workers.

The RT15 leverages our single, versatile Omnii computing platform to help deliver new technologies quickly and easily. This means it can be simply configured to meet any business need – now or in the future – with no risk of obsolescence. It's all part of our commitment to open innovation and adaptability.

Omnii RT15 – the beautifully rugged handheld for mobile workers in the field.

BUILT TO WORK HARDER;
STYLED TO LOOK BETTER

Omnii™ RT15's enhanced features equip mobile workers with exactly what they need to do their jobs more efficiently. The Omnii platform gives them access to critical business applications – anytime, anywhere.

EXTRA DURABILITY

The RT15's extreme duty display can withstand multiple 1.8m drops – making it tougher than the competition

EXTENDED BATTERY-LIFE

A large capacity 5000mAH smart battery delivers best-in-class power savings and an extended battery-life of up to 20 hours

IMPROVED EASE OF USE

The RT15 has 6 keyboard options including QWERTY numeric. Its ergonomic design, mappable function keys and ultra-white backlight make even one-handed operation in the dark possible

INCREASED PRODUCTIVITY

High performance, sensitive scanners – including good/bad scan indicators – Imager Control Services (ICS) and cameras automate data capture and entry

ENHANCED CONNECTIVITY

The RT15's improved wireless offering includes 3.8G HSPA+ and 2G EDGE (WWAN-Broadband), and 802.11a/b/g/n (WLAN - WiFi)

MORE SENSORS

The accelerometer and GPS enable screen rotation, data geo-tagging, and motion sense+

BETTER VALUE

The adaptability of the Omnii platform gives you the lowest possible total cost of ownership (TCO) on hardware with savings of up to 30% over the lifetime of the device

OMNII™ RT15: HIGHLIGHTS

The Omnii RT15's ruggedized performance and sleek form factor make it truly unique in the marketplace – it helps improve customer service at all levels in tough field environments.

- **Modular performance**
  Provides the best possible product match for your business needs now – with the ability to adapt for the future

- **Extreme versatility**
  Delivers for the widest range of users, uses and environments

- **Real-world reliability**
  Withstands multiple drops from 1.8m and its IP65 rating certifies resistance to dust and water intrusion in heavy rain

- **In-the-field flexibility**
  Allows new upgrades, hardware plug-ins and software to be added on-the-go

- **Future-proof technology**
  Makes it easy to redeploy and reconfigure a device for business change

- **Real-time productivity**
  Enables workers to automate key processes and improve task efficiencies with anywhere access to the right information

- **Investment protection**
  Extends active service potential with its unique modularity

- **Simple serviceability**
  Prevents disruption and downtime because maintenance can be carried out on-site

OMNII™ RT15: IN DETAIL

Our innovative new handheld is packed full of features that allow mobile workers to carry out their tasks with greater ease. Such detail in design is the result of building on guidance from customer research.

ADVANCED RUGGEDNESS

- Microsoft Windows® CE 6.0 operating system integrates seamlessly to automate key processes and boost productivity in real-time

- Additional Windows® Embedded Handheld 6.5

- Bluetooth and WiFi are built in, so it can quickly connect to printers and WLAN networks

- Certified IP65 rating: the Omnii RT15 can handle harsh field service environments

- Withstands drops from 1.5m/4'9" on each edge, corner and face – or multiple drops from 1.8m/5'9" onto polished concrete

SUPERIOR TECHNOLOGY

- New Texas Instruments AM3715 Sitara ARM microprocessor at 800 MHz delivers industry -leading performance and efficiency

- 95dB keypad beeper with vibration feedback – perfect for loud, industrial environments

- Additional range of high performance, sensitive scanners with good/bad scan indicators, Imager Control Services (ICS) and cameras

- 3.7" VGA color displays deliver sharpness and clarity for improved visibility – available in two options: high-impact or high-visibility

- LB and ASIC architecture extends battery-life from 10 hours up to 20 hours

- ASIC architecture has faster CPU and read/write to system speeds

ULTIMATE USABILITY

- Balanced construction is perfectly weighted for comfort, practicality and natural task support

- Customer PsionVU software and transflective touch screens enable a finger-friendly interface to minimize stylus use

- 6 keyboard options and mappable function keys for enhanced productivity and ease-of-use

ADAPTABILITY IN THE FIELD

- Always fit for purpose: you can configure it the way you want – and later bolt on what you need

- Future-proof flexibility allows hardware to be reconfigured – and not replaced – saving your business up to 30% on lifetime TCO

OMNII™ RT15: TECHNOLOGY THAT GROWS WITH YOU

Psion currently offers over twenty Omnii RT15 expansion modules, so the device can adapt to suit your ever-changing business needs. The modules flexibly support over 280 configurations to help boost task efficiencies.

SWITCHABLE KEYBOARD

- Built for tough environments: tested to one million key actuations, and featuring large buttons for ease-of-use with gloved hands; single push operation with a positive feel and ergonomic design

- A choice of 6 styles: Alpha Numeric, Numeric, Numeric Alpha Modified, 34-Key Numeric, QWERTY Numeric and Alpha Numeric Mobile

- Switch it out on-site: workers can carry out maintenance and repairs in the field, minimizing downtime and disruption

- Mappable keys: enhance productivity by giving essential tasks their own function key

INTEGRATED 1D, 2D AND AUTORANGE SCANNERS

- 5 solutions fit almost all applications

- Ranges from 6" to 50ft

- Scans both 1D and 2D bar codes

- Highly sensitive good/bad scan indicators

- Imager Control Services (ICS)

- Improved fuzzy logic means poor barcode stampings can be read

INTEGRATED COLOR CAMERA

- 3.2 megapixel camera with dual LED flash, auto-focus and zoom control

- Captures damage to goods in transit – even in low light conditions

PISTOL GRIP

- Robust and removable in the field – simple screws is all it takes

GPS EXPANSION MODULE

- Features new, high-performance antennae, giving faster time to first-fix and better accuracy in low-signal areas

- Captures the GPS coordinates of goods as they travel along the supply chain

PUSH-TO-TALK SPEAKER/MICROPHONE

- Enables walkie-talkie functionality

DESKTOP DOCKING STATION

- Includes dual USB ports, serial and Ethernet; plus positive lockdown engagement that charges the device and a spare battery

- Includes quad docking station

VEHICLE-MOUNT CRADLES

- Industry-leading, flexible design for challenging in-vehicle installations

- Enables workers to plug in tethered scanners, barcode printers or a range of splitter cables – powered or non-powered options are available

- Eliminates exposed wiring in the cab when connecting to peripherals

- Connects directly to vehicle batteries or cigarette lighter adapters

THE PSION OMNII™
MORE HARDWARE VALUE

As your business grows you need handheld devices that adapt to deliver the highest levels of productivity.

With the Omnii you can rest easy, safe in the knowledge that the choice you make today will allow you to satisfy your needs tomorrow. The Omnii allows you to replace or upgrade any of the following modules: scanner, cellular radio, display, memory or keyboard as your needs change.

THE PSION OMNII BENEFITS INCLUDE:

- **Longer product life**
  Reconfigure your hardware to meet changing needs and extend its life

- **Unrivalled options**
  Change your display, switch keyboards or upgrade the scanner – and more

- **Choice**
  Repurpose your device for new applications

MORE VALUE

The Omnii provides more value because you can reconfigure your hardware instead of replacing it – saving your business time and money. The adaptability of the Omnii platform gives you the lowest possible total cost of ownership (TCO) on hardware with savings of up to 30% over the lifetime of the device.

FIELD SERVICES

Field service engineers are tasked with a tough job: delivering consistently high levels of service, right where it matters most – out on the front line. With Omnii™ RT15, field service teams get the tools they need to access, capture and transfer data quickly and simply – so they're free to focus on the job at-hand.

KEY BENEFITS

- **Multiple data capture options**
  The Omnii RT15 has the best selection of 1D lasers, 2D imagers and keyboards to suit your data input requirements today and in the future, if your needs change. Omnii's modularity means that modules can be switched, so you don't have to trade-in the device
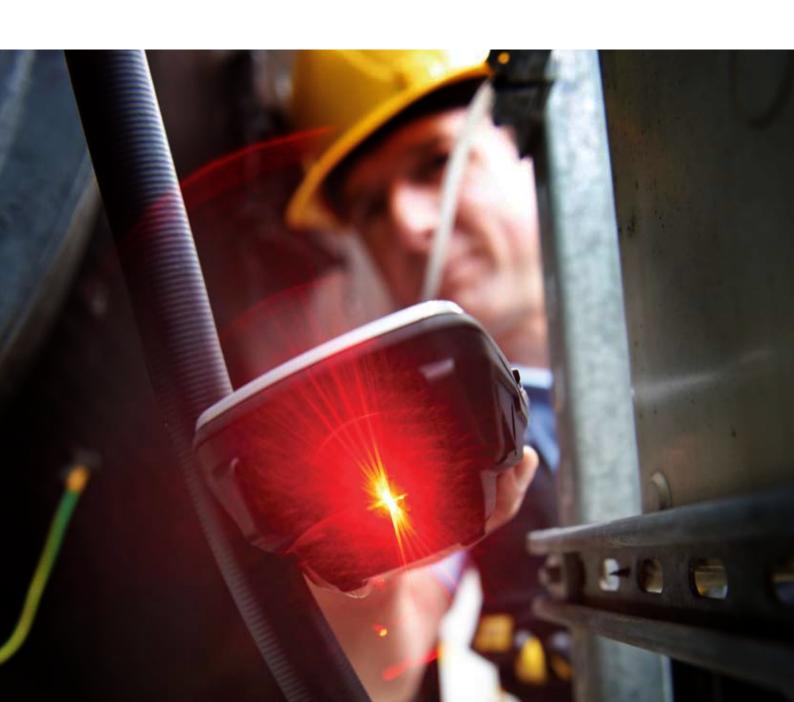
- **Enhance connectivity**
  High-speed WWAN radio technology ensures true mobile connectivity where Wi-Fi access is limited. This enables workers to quickly receive information and make enquiries while reading meters, checking assets, or performing maintenance on equipment

- **Built-in GPS**
  Omnii RT15's GPS navigation technology optimizes route-planning for reduced journey time and costs. It also means the exact location of assets can be easily tracked

- **Large VGA color display**
  The large 3.7" VGA color screen is perfect for reviewing schematics, plans and instructions
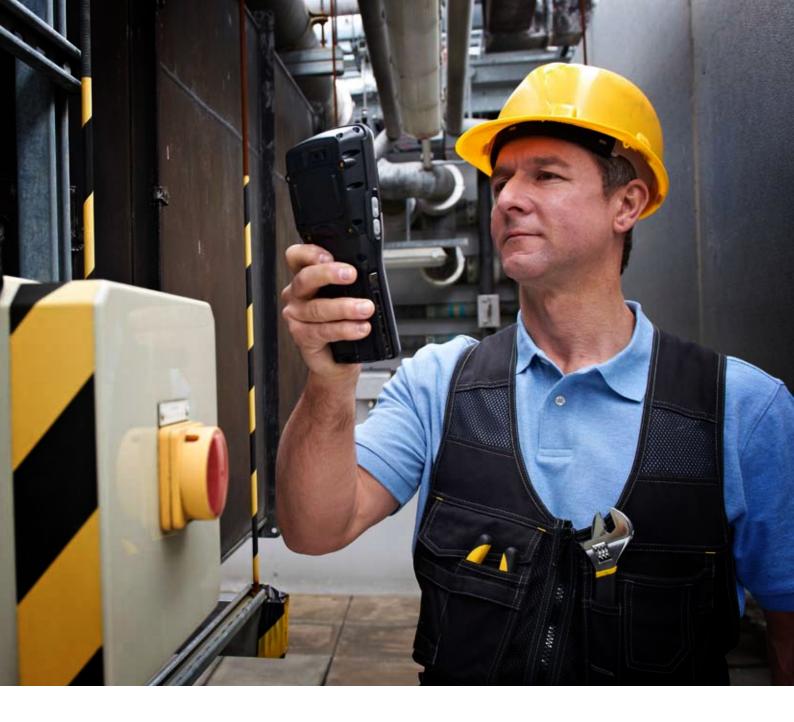
UTILITIES

The Omnii™ RT15 helps log and share meter consumption and diagnostics readings to improve information accuracy and availability in the field.

KEY BENEFITS

- **Integrated touch-screen**
  The combination of an integrated touch-screen with 1D and 2D omni-directional imager helps eliminate paperwork and manual data entry while increasing your productivity

- **The latest radio options**
  The Omnii RT15 uses the latest 3.8G cellular radio options, which means readings can be sent back to base wirelessly with ease

- **A wide range of keypad options**
  A backlit keypad with 6 keyboard options – including QWERTY and numeric – helps to minimize agent errors and inefficiencies. Mappable function keys help enhance productivity

ASSET MAINTENANCE

Omnii™ RT15's built-in 2D imager simplifies systems and equipment audits at disparate client locations.

KEY BENEFITS

• **3.7" VGA color display**
The large color screen and class-leading graphics give sharp, clear views of schematics to aid installations or repairs

• **Integrated touch-screen**
The Omnii RT15's touch-screen with passive stylus streamlines signature-capture for payment or receipt of services rendered

• **3.2MP color camera**
The integrated camera with video function allows asset condition to be captured in the field – eliminating the need for time-consuming written descriptions, and providing support for discussions with customers

• **Wireless connectivity**
The Omnii RT15's wireless technology allows users to order parts quickly – anytime, anywhere

• **Built-in GPS**
GPS navigation helps optimize delivery routes and confirm the exact location of assets being tracked

TRUCKING AND TRANSPORTATION

Tracking goods along the supply chain is no easy job. Mass shipments are constantly on the move, travelling between locations – by road, rail, sea and air. The Omnii™ RT15 ensures complete visibility of orders, wherever they are or need to go.

KEY BENEFITS

- **Integrated color camera**
  Omnii RT15's 3.2MP camera provides essential data capture in the field. If a package is damaged, or there's a question about what is being delivered, users can capture it in an image to support discussions with customers

- **Large touch-screen**
  An integrated touch-screen enables signature-capture – providing proof-of-receipt or allowing for payment-on-delivery

- **Multiple data capture options**
  The Omnii RT15's 2D high performance imager provides scanning, and tracking for warehousing and cross-dock applications. Omnii's wide range of easily replaceable imagers and scanners are designed to suit your requirements today – and in the future

- **Built-in GPS**
  Integrated GPS navigation optimizes route-planning for reduced journey time and costs – goods and fleet can easily be tracked, wherever they are

- **Enhanced conectivity**
  High-speed WWAN radio technology ensures immediate communications while out in the field. Issues can be escalated on the spot, and data can be accessed instantly to help resolve them

MOBILE TICKETING

Effectively managing the numbers, movements and security of travel passengers or event attendees relies on efficient mobile ticketing. The Omnii™ RT15 mobilizes and streamlines ticket verification for increased accuracy and reduced costs.

KEY BENEFITS

- **Multiple data capture options**
  The Omnii RT15's 2D imager allows tickets and passes to be scanned and checked at the gate or on the move – minimizing waiting times for visitors, and eliminating the possibility of unauthorized entry

- **VoIP walkie-talkie**
  Ensure mobile ticketing and security officials can quickly communicate at vital moments with the push-to-talk VoIP walkie-talkie

- **Modularity**
  Omnii's modularity means adding peripheral applications is quick and easy. So, there's scope to develop new payment options for tickets, food and beverages

- **Add-on printer module**
  Print tickets, passes, or any other documents users might need on the go – the Omnii RT15 allows easy access to printers via plug-in or Bluetooth

- **Enhanced connectivity**
  High-speed WWAN radio technology allows users to access information on travel connections, or make enquiries and provide other customer services – anywhere

POSTAL AND COURIER SERVICES

Postal and courier services work under pressure – business is relentless and the clock is always ticking. Customers won't wait. The Omnii™ RT15 provides intelligent, connected computing that helps track and trace every package at any given moment to keep the delivery force productive.

KEY BENEFITS

- **Enhanced connectivity**
  Resolve issues by instantly accessing key data – escalate calls in the field with integrated WWAN radio technology

- **Built-in GPS**
  Integrated GPS navigation optimizes vehicle route planning for dispatch and delivery to reduce journey times and costs

- **Integrated color camera**
  Record the condition of parcels or goods, and provide support for discussions with customers using the 3.2MP camera and video
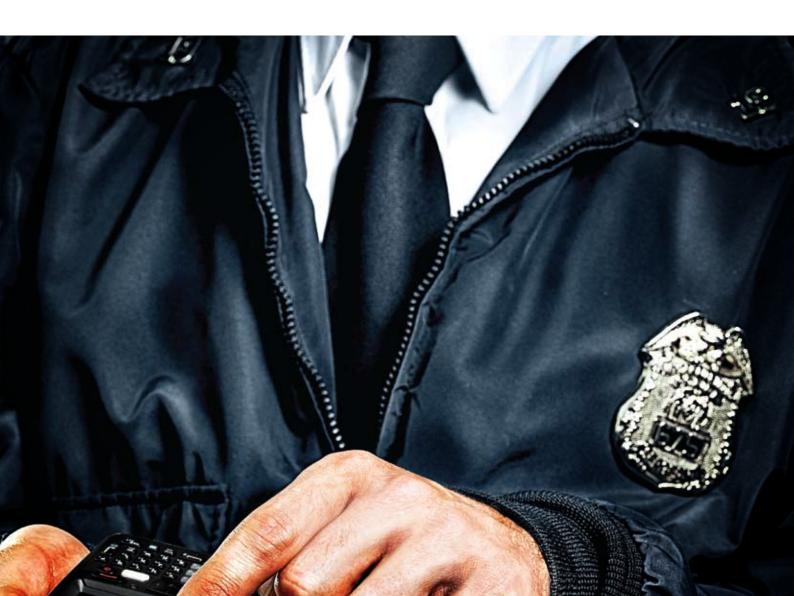
- **Unrivalled functionality** An omni-directional imager, along with integrated high-speed WWAN radio and GPS navigation, enable real-time track and trace of every package

PUBLIC SAFETY

It's vital that emergency services have the right information at the right time, because their decisions depend on it. It's equally important that organizations in both the public and private sectors can instantly read, validate and authenticate important security identities – anywhere. The Omnii™ RT15 provides enhanced connectivity for real-time communication, when it's needed most.

KEY BENEFITS

- **Enhanced connectivity**
  Integrated WWAN radio technology helps operatives remain in constant contact with headquarters' staff and database records – it offers access to critical data regardless of location

- **Push-to-talk VoIP walkie-talkie**
  VoIP functionality streamlines communications between headquarters and mobile units for issue resolution and real-time decision-making

- **Add-on printer module**
  Issue citations and reports quickly and accurately with the Omnii RT15's printer add-on via plug-in or Bluetooth

- **Integrated color camera**
  The 3.2MP camera with auto-focus, dual LED flash and video capability allows images to be captured, even in low light

PSION: MAKING MOBILE WORKERS MORE PRODUCTIVE

Psion leads the field in delivering the industry's most advanced rugged mobile computing solutions.

For over 40 years, we've been pioneering the solutions you need to solve real-world business problems.

From handheld devices and scanning technologies to wireless networks and after sales support, our solutions are trusted to perform for some of the world's leading organizations, including Volkswagen, SNCF, RWE nPower, E.ON, BMW, Goodyear, Copenhagen Airport and major international transport hubs.

INGENUITYWORKING

With our continued commitment to open innovation, we're creating products, applications and accessories by collaborating with partners and customers. It's how the Omnii™ RT15 came about – through listening to requests for a sleeker, ruggedized handheld device specifically for field service.

IngenuityWorking.com is our online community that provides a whole new approach to product development.

Through social media tools, we're sharing insight and expertise on everything from hardware and software to innovative technologies and best practices. Why not have a look and take part?

"The RT15 symbolizes how Psion can leverage the Omnii platform to quickly build a product to meet customer demand. The RT15 is another important milestone in our open and modular approach to product development."

Ron Caines, President of Worldwide Sales and Service, Psion

PSION

Visit www.psion.com to find out more.