

## Next Generation Infringement Issuing Solution



DCA PinForce **Mobile**

## DCA PinForce Mobile

Managing the evolving demands of issuing infringements and providing community services requires powerful tools that are portable, efficient, lightweight, yet flexible enough to provide a broad range of services.

DCA's offering combines state-of-art technology with efficiency and simplicity. These multipurpose devices can serve cities with all their field technology needs. Officers can look forward to replacing handwriting or existing, cumbersome equipment with small, lightweight and portable handheld devices capable of supporting a wide range of new features.

DCA's **PinForce Mobile** offers this and much more.

**PinForce Mobile** is the industry leading infringement issuing and management system. Using handheld mobile device technology, **PinForce Mobile** offers an extensive and scalable system that supports a multitude of infringement and field mobility requirements.

### Industry Leader

**PinForce Mobile**, our mature and proven product, has been selected by Australasia's largest cities including the City of Sydney, City of Melbourne, Brisbane City, Auckland City, City of Perth, Adelaide City, ACT Canberra, North Sydney and Christchurch City and many medium and smaller cities, Airports, Parks, Sports Stadia, Universities, Hospitals and Private Parking Operators.

Thousands of enforcement officers are now equipped with lightweight, handheld units, replacing old, inflexible and heavy units previously in use. Many other cities are rapidly replacing their outdated technology with DCA's solution.

The system architecture is designed to be hardware independent, meaning cities are free to choose the hardware that best suits their needs, from lightweight pocket models to heavy duty models. With hardware independence, cities are free to source hardware, accessories and hardware support from local suppliers at competitive prices. Likewise, DCA is able to provide the full service if desirable.

DCA can advise on the most appropriate model for all city applications.

### Expandability

Handheld mobile devices are a fast growing computing segment with global industry giants investing billions of dollars in research and

development. This means that **PinForce Mobile** users can expect continual technological advances that can easily be added to assist officers.

Collecting additional digital evidence has never been so easy with integrated equipment such as:

- Digital voice recorders
- Digital cameras
- Handheld License Plate Recognition (LPR)
- RFID and Bar code readers
- Global Positioning Systems (GPS)
- 3.5G/GPRS (Enabling real-time access to corporate data).

### PinForce Mobile Product Credentials:

- Thousands of officers throughout the world, Australasia and now USA
- Issuing and managing millions of PIN's per annum
- Manages hundreds of millions of infringement revenue
- Selected by every major Australasian city since product launch.



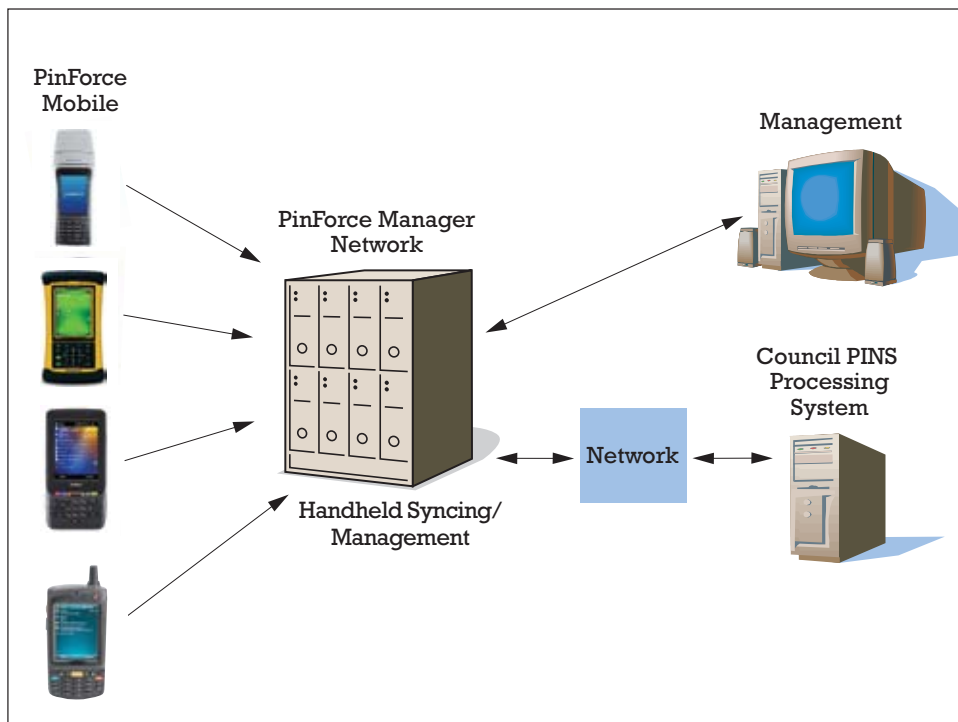
**PinForce Mobile** includes invaluable deployment tools including GPS integration, Duress Alarm, attaching images and extensive vehicle details data for comprehensive and thorough infringement management.

## Functional and friendly

**PinForce Mobile** supports a multitude of infringement types including Parking, Animal and By-laws. Perhaps more importantly, it allows other applications to be added. Additional modules include Hot Lists, Permits, Warnings, Vehicles of Interest, Asset Defect Notices, Mark Mode or Valve Stemming. Also now included are various inspections such as Dangerous Dogs, Abandoned Vehicles, numerous Compliance Notices, GPS integration with mapping

software providing pre-population of data or asset tracking and duress alarms etc.

The Windows user interface is intuitive and will appear very familiar to most users. The interface is extensively streamlined for efficient and accurate data entry using wireless Bluetooth connectivity for high-speed, silent thermal printing with integrated printer solutions available as well. **PinForce Mobile** is backed by DCA's extensive onsite training and support program.



Infringement notices include clear and detailed information from a wide range of fields that are pre-populated to suit the user's specific requirements.

The system solution consists of the following components:

### 1. Handheld & Printer Hardware

The handheld mobile device to be carried by City Officers for the recording and issuing of infringement notices. Equipment can be obtained independently or from DCA.

### 2. PinForce Mobile Software

DCA's powerful infringement issuing software installed on handheld devices to manage data entry, data management and wireless (Blue Tooth) printing functions.

### 3. Handheld Device Management Software

The technology enabling complete handheld device management including software releases, data exchange, security and device management. The middleware selected by DCA is the industry leader and supports wired and wireless communication.

### 4. PinForce Manager Software

The management software required to collate, store, report and search for infringement records with complete security including user groups, encryption and audit trails.

## DCA PinForce Mobile

### PinForce Mobile and PinForce Manager technical requirements:

Component	Specification
<b>PDA</b>	<b>Recommended:</b> Non-ruggedised: Most HP, Bluebird and Motorola models Ruggedised: BIP6000, Nomad, Motorola MC75 or FR68, Getac PS236, Casio it800, M3 Sky Integrated Printer Option: BIP1300 Alternative: Any Windows Mobile Bluetooth compatible PDA
<b>Printer</b>	<b>Recommended:</b> O'Neil 2te or larger printer Alternative: Any Bluetooth compatible mobile printer
<b>Desktop</b>	<b>Minimum configuration:</b> <ul style="list-style-type: none"><li>• 1.2 GHz Intel Pentium or higher</li><li>• Windows 2000/ XP/ Vista/ Windows 7</li><li>• 500 MB of RAM or higher</li></ul>
<b>Server</b>	<b>Minimum configuration for smaller deployments:</b> <ul style="list-style-type: none"><li>• Intel Pentium IV, 1 GHz or higher</li><li>• Windows 2000 Server, Windows 2003 Server, Windows 2008 Server R2</li><li>• 1 GB of RAM</li></ul>
<b>Server</b>	<b>Requirements for larger deployments:</b> <ul style="list-style-type: none"><li>• 2.4 GHz Processor</li><li>• Windows Server 2000, Windows Server 2003, Windows Server 2008 R2</li><li>• &gt;2 GB of RAM</li></ul>
<b>Database</b>	Microsoft SQL Server 2000/ 2005/ 2008, Microsoft SQL 2005 Express, Oracle 10g

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