



# Grabba International

## Public Safety and Security Overview

Grabba International has its Global headquarters in Brisbane, Australia, with offices in the United States, Great Britain, and Dubai. We design and build state-of-the-art smartphone and tablet attachments for use in data capture, data verification, transaction processing, and a large range of security, multimodal biometric and telemetric functions.



The Grabba success is driven by a passion for Research & Development. We are focused on listening to our customers in all industry sectors and implementing solutions that enable them to work more efficiently and accurately. Today Grabba have some 1000+ clients in over 80 countries leveraging our mobile biometric and data capture capabilities - helping them to create trusted physical and digital environments so that they and the people who use them can fulfil their potential.

### Grabba Law Enforcement Range

Designed with the unique requirements of law enforcement agencies in mind, the Grabba Law Enforcement Range is tough, but it is small, portable, lightweight and packed with identity data capture technologies. The Grabba has already been instrumental in bringing some of the worst criminals to justice as well as detecting identity fraud.

#### Customs and Border Protection

On the borders you need to be able to read virtually any identity document you are given from any traveller. Whether identity cards, passports or boarding passes the Grabba can read them all. Completely battery powered means it can be used anywhere such as a ship or a remote border crossing.

#### Immigration Checks

Confirming identity and residency status can be difficult in the field. Grabba makes it possible because of the mobility of the smartphones and the portability of the Grabba technology platform that can be attached to the smartphone.

#### Policing and First Responder

At a simple traffic stop or an emergency, knowing precisely who you are dealing with can be vital to public safety. Wherever the scene is located you can use a Grabba to do identity confirmation and verify you have the

right person. You can also read the fingerprints of the person for a criminal check.

#### Identity Fraud and Age Verification

An important area of public safety and confidence is confirming whether identity documents are fraudulent. The Grabba can read virtually any identity document and send the data to a central database for verification. Fraudulent documents are often seen in areas where age restrictions apply and the Grabba can help prevent underage entry.

#### Emergency Response and Evacuation

In times of emergency evacuations, sometimes the evacuees have very little identification and they are repatriated to areas where there is no permanent Law Enforcement presence. With the Grabba, identity checks using whatever identification is available can be verified with local or global databases at the evacuation point, the point of departure or the point of arrival.

## Our Value – We are a 100% customisable solution

### Functionality

Grabba is the only manufacturer in the world who offers up to six (6) different data capture technologies in the one device. Now you can extend the use of your Smartphones throughout your organisation into any environment you need. Some of the technologies we support include:

- 1D & 2D Barcode scanners
- Barcode scanner with driver's license enhancement
- MRZ (passport) reader
- RFID (Low, High, Ultra High and Dual Frequency) read and write
- Fingerprint reader (1-finger, 2-finger with 4-finger coming soon)
- Facial Recognition
- IRIS scanning
- Magnetic Stripe reader
- Contact Smart Card read and write
- Contactless Smart Card read and write
- Payment systems (PCI and EMV compliant)
- Extended battery to increase the battery life of the attached smartphone or tablet
- Voice biometrics, drug, radiation and explosive detection (In development)

### Highly Integrated Device

We offer free on every platform our Grabba Software Development Kit for 3rd party integration, cross-platform development in HTML5, CSS and Javascript. We support several different vendor handsets, as well as numerous devices within the Samsung, HP, Apple and Windows smart tablet ranges.

### Innovation

Driven by a passion for Research and Development we are constantly listening to and working with our clients to enhance our existing product capabilities whilst seeking new market opportunities to stay at the forefront of mobile data capture and bio-

metric initiatives. This level of investment in Research and Development ensures our customers are free from any worries of product obsolesce and ensures you have access to the latest global data capture technologies. If you have an idea and need it developed – Grabba will deliver.

### Rapid Custom Development

Because our passion is in R&D and working with our clients to build new and exciting solutions, we have built a very efficient and effective production process – we call it rapid custom development. From understanding and building out a conceptual design, to developing detailed renderings within a few days. Prototype development and testing within another 6 weeks and full production within 8 to 12 weeks. For many of our clients, Rapid Custom Development is a real game changer if they are to remain competitive and meet the rapidly changing requirements which are forced upon them. Whilst most of our competitors are deciding if want to do custom work, we just get on with the job of delivering for our clients.

### Investment Protection

Our unique design allows a Grabba unit to be quickly and easily upgraded to support new tablet or smartphone technologies without the need to purchase new Grabba units. This benefit greatly reduces the total cost of ownership and gives peace of mind knowing that your investment decision is protected for the long term. Changing phone models or changing operating systems Grabba will protect your investment.

### Highly Secure

Grabba units plug into the USB port (or equivale Lightning port) of the attached device so data transfer and communications are hard wired and therefore very secure. Bluetooth is not used. Pairing is not required.

## Success Story – Customs and Border Protection

On the borders an officer needs to be able to read virtually any identity document provided by a traveller, including identity cards, passports or Driving Licences - the Grabba unit can read them all. With extended batteries that power the Grabba unit and attached device it is perfect for officers in the field who work long hours.

### US Customs and Border Protection (CBP)

**Business Challenge:** CBP had a need for a handheld unit to be able to read the MRZ information in passports for outbound and inbound security checks at the US borders.

**Outcome:** From the CBP publication "Frontline" Vol 4, Issue 2

"A new handheld device, known as a "Grabba," has quite literally changed the way outbound operations work. The devices allow officers to scan any of the documents they would be able to scan at a primary inspection lane, and instantly receive any information available to CBP about the subject. Perhaps most powerfully, the Grabba does not require any additional specialized equipment—it's an efficient device that officers on the frontline say is having an impact."

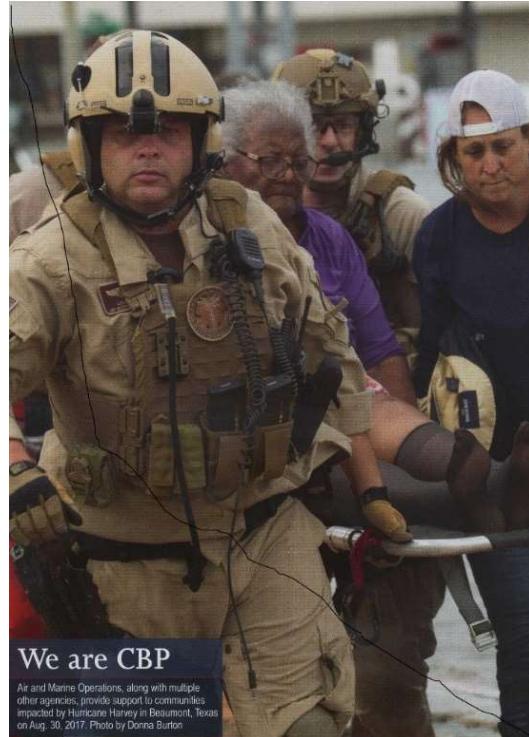
From the CBP publication "Frontline" Vol 6 Issue 1

"CBP enhanced the ATSm (Automated Targeting System) with a real-time query device known as Grabba, which connects to a smartphone to allow scanning of travel documents to gain traveller identification data. The Grabba can also read fingerprints and radio-frequency identifications. Grabba units have been deployed to El Paso, Laredo, San Diego, Tucson, Buffalo, Detroit, Seattle, Miami and Chicago field offices. Additionally, the Border Patrol has used this technology in the Laredo, Tucson, Blaine, El Centro, El Paso, Miami, Rio Grande Valley and San Diego sectors."

From the CBP publication "Frontline" Vol 9 Issue 3

"We tested the Biometric Exit Mobile in 2015 at 10 airports around the country.... It showed us we could accurately take fingerprints from a mobile device and gave our officers the capability to do law enforcement and biometric queries on a smartphone if they saw that an individual requires further investigation. As a law enforcement tool, the Biometric Exit Mobile has produced stunning results."

**Solution:** Samsung Galaxy S7 attached to a Grabba unit with fingerprint reader, MRZ (passport) reader, RFID reader (for the passport chip), 2D barcode scanner (for driver's licenses), contact smartcard reader and magnetic stripe reader (for ID cards of all kinds).



## Success Story – Policing and First Responder

At a simple traffic stop, or an emergency, knowing precisely who an officer is dealing with can be vital to public safety and that of the officer. Wherever the scene is located, a Grabba unit can be used for identity detection, confirmation and verification, including, taking fingerprints and iris scans.



### Carabinieri Police Italy

**Business Challenge:** Police in the field often have to deal with individuals without first understanding who they are and how much of a threat they pose to the community and the officer themselves. A universal challenge in Policing. Knowing who you are dealing with, almost instantaneously, and securely, has the potential to save lives.

**Outcome:** The Carabinieri Police using a Grabba Unit were able to instantly check the identification documents like driver licenses, ID cards and passports, and capture fingerprints. They could quickly validate this data against official databases in real time and transfer this information to the Centralized Alarm System in case the subject has any record of criminal offences.

**Solution:** Grabba Unit and Samsung Galaxy S5 with 2D Barcode reader, magnetic stripe reader, MRZ reader, fingerprint reader, high frequency RFID, contact smart card reader, and extended battery

## Success Story – Immigration Checks

Confirming identity and residency status can be difficult in the field. Grabba unit makes it possible because of the mobility of the smartphones and the comprehensive technologies contained in the attached Grabba that will provide the data capture needed to access the relevant security databases.



### Hong Kong Immigration

**Business Challenge:** Every day thousands of school children cross the border between China and Hong Kong to attend classes. With their current systems the process of identifying and validating the children's identity was a laborious and time-consuming process often resulting in disrupted attendance at class.

**Outcome:** Using a Grabba unit they were able to free up the queues by delivering faster processing times and allowing the border control officers to mobilise to where the bottlenecks were occurring.

**Solution:** Grabba Z-Series and Samsung Galaxy A9 with 2D Barcode reader, Contact Smart Card reader and MRZ reader.