

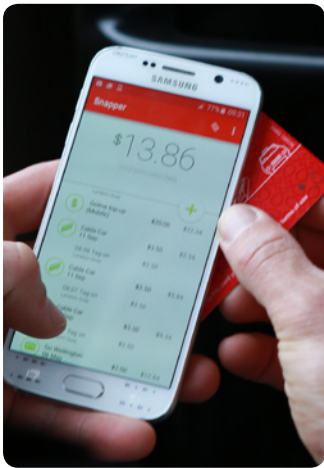
Snapper Smartware™ extensions

About Snapper Smartware™

Snapper Smartware™ is a bolt-on technology that sits between your ticketing back office and your smart card. It mobilises the services that can be used to manage the card. This provides you with an open and flexible platform, making it easy to provide innovative services.

Reload Solutions

Provide your customers with a variety of channels for card management services.



Mobile

Snapper can create the connection between your contactless smart card and an Android mobile with NFC.

Snapper provides the libraries for web developers to integrate the reload functions into an existing mobile application. Or we can provide a white label application which is consistent with your own ticketing system branding.

Mobile customers can:

- view their card balance
- top up their balance
- view their transaction history
- purchase or download a pass
- access in-app customer service
- have actions applied.



Online

Not everyone has access to an Android phone, so a Windows PC and a Mac option is recommended.

A USB smart card reader is used to transfer information from the PC to the card instantly.

Online customers can:

- view their card balance
- top up their balance
- view their transaction history
- purchase or download a pass
- have actions applied.



Retail

Sourcing and maintaining a retail network for smart card reload is expensive and time consuming.

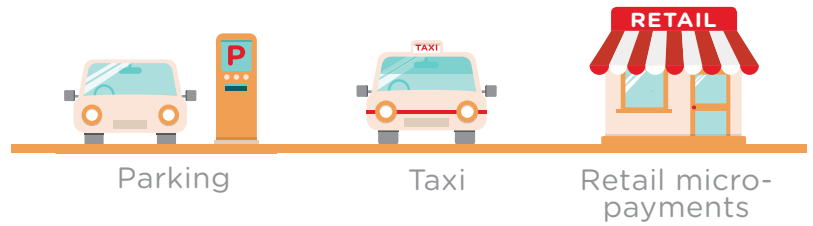
Snapper can provide the connection between your back office and the most prevalent payment terminals used by retailers in your market such as VeriFone, or PAX.

You can benefit from:

- a vast increase in distribution
- reduced resource required to manage a retail network
- improved convenience for customers
- a significant reduction in cost.

Card Extensions

Extend the scope and functionality of your smart card to provide new levels of service and convenience for your customers. Talk to us about your vision and we can work with you to provide a solution. Extensions into parking, taxis and retail are just the start.



Customer Service

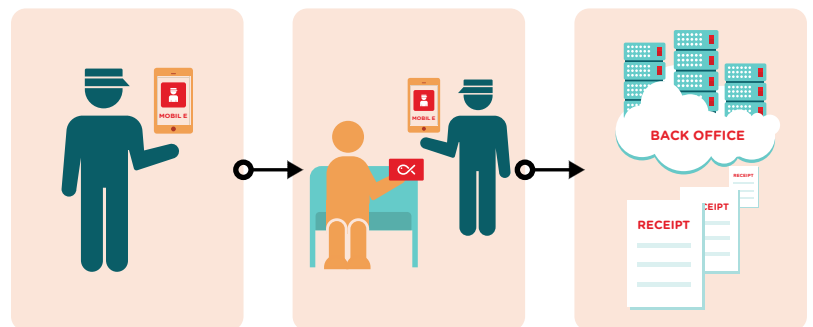
If you need a way to expand your service network into new locations for improved customer convenience or simply to improve your team's ability to access card holder information from any location, this application can assist staff to:

- search and find a card
- view card balance and pass product status
- view and print card transactions
- view customer and card details
- change a card concession
- view and make notes against a card
- block or unblock (hotlist) a card
- initiate or cancel a credit or a transfer token
- clear a penalty
- collect a credit/token on a card.



Revenue protection

Mobilise your revenue inspection capabilities with an Android mobile phone with NFC, and an Inspector Application that is used by staff to validate the right to travel on a smart card. This will provide you with valuable usage data, fully integrated with your back office system.



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