



Royal Flying Doctor Service & Intel Patient Vital Signs Capture Trial – Broken Hill 2007

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01 August, 2008

Agenda

- Why?
 - The problem
- The solution.
 - Workflow.
 - Components.
- Where to now?
 - Capable vendors.
 - Commercialisation.
 - Industry support.



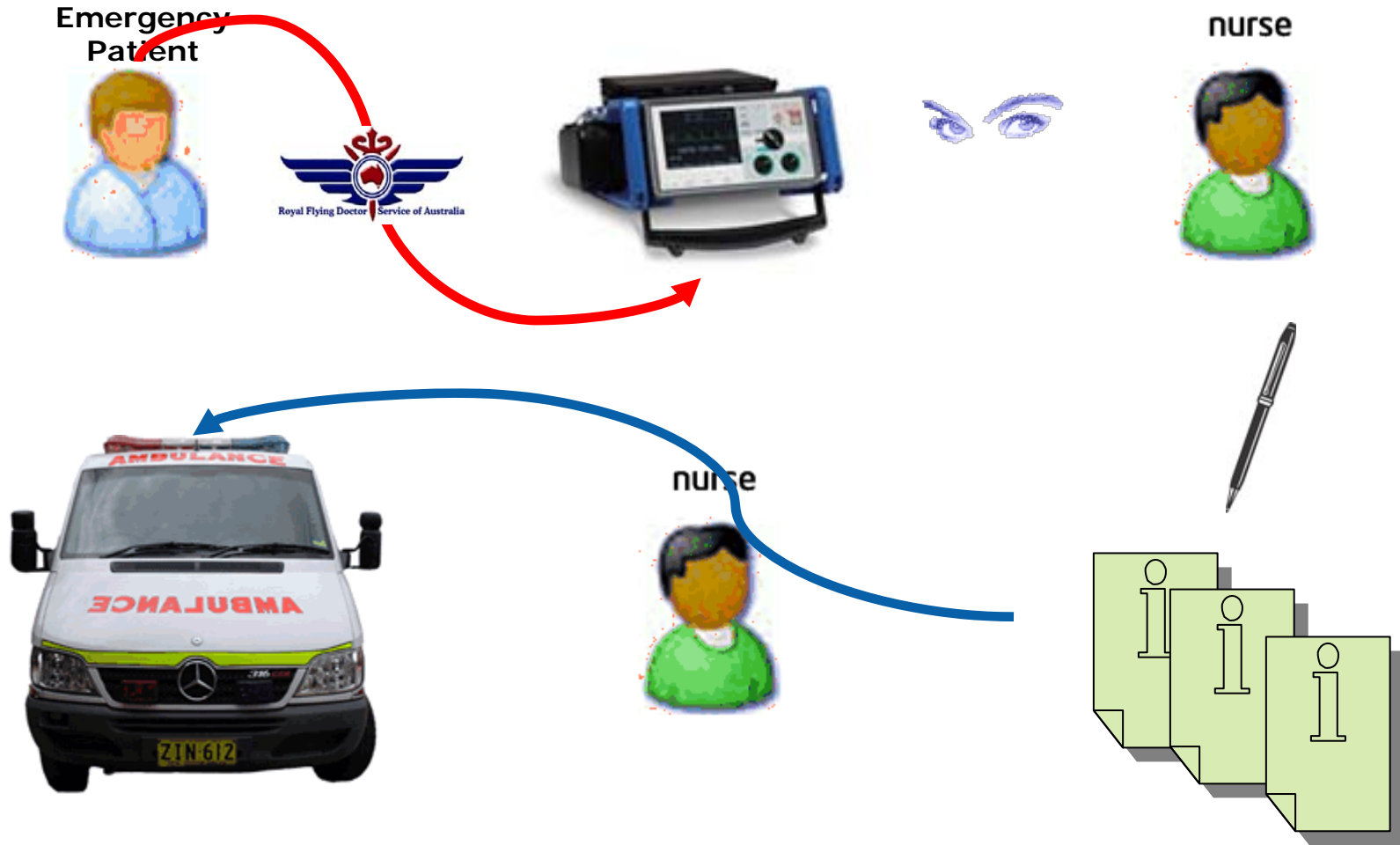
The Problem

- Flight Nurses rarely have time to record all vital sign obs.
- Data recorded manually on paper, glove, sheet etc etc.
- 3 forms used – data repeated on each form.
- Heavy reliance on verbal handover to ambulance/ED.
- Difficulty in managing dispatch process.





The RFDS emergency evac process



Why?

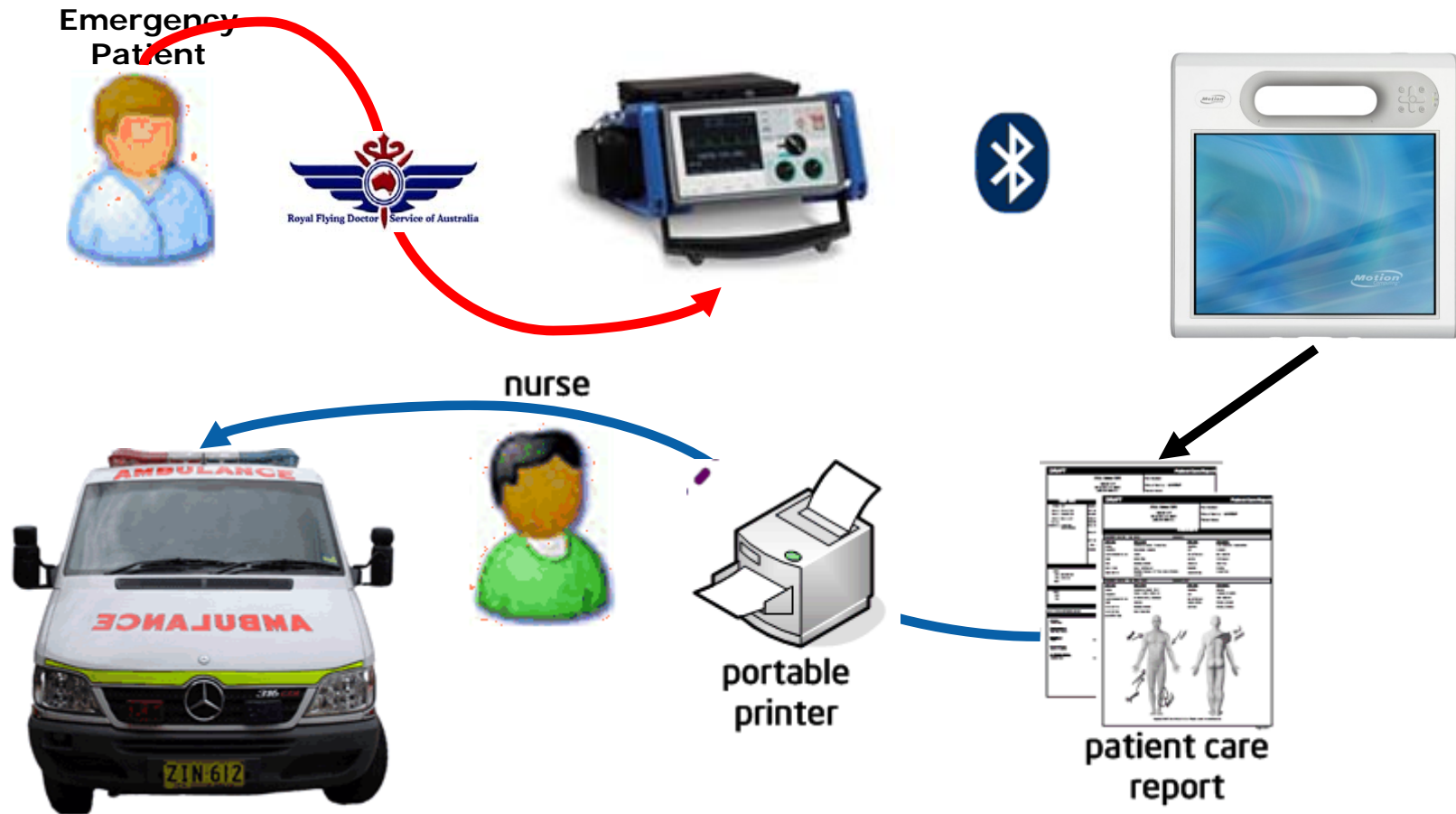
Efficiency

- Automates an important task that rarely gets completed.
- Streamlines handover – data substantiates/verifies verbal handover.

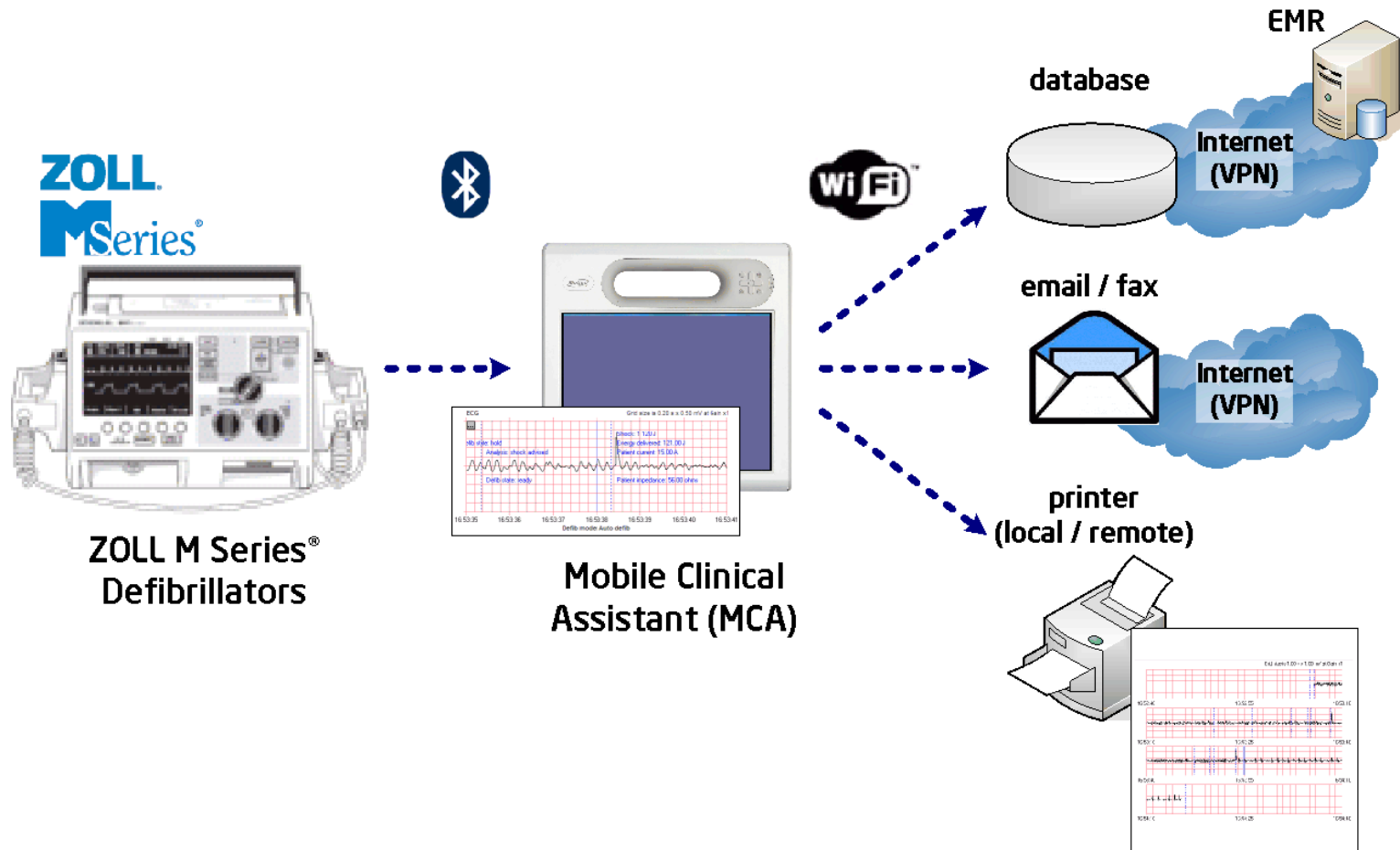
Improved Outcomes

- Accuracy of reporting – minimises errors due to lack of data as well as transcribing/interpretation errors.
- Data analysis – captured data in aggregate is valuable.

The Solution



System Architecture



Where to from here?



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“We thought this solution would be 10 yrs away!” – Dr Mike Hill, RFDS SE Section

Summary:



- Focus on point of care productivity & patient outcomes from the start of the patient journey.
- Built with commercially available, off the shelf products.
- Different solution approaches to this problem are available – there is choice!

