Data Acquisition Prototype:
Conceptual System Architecture

Phoenix

Ambulatory Blood Pressure Monitoring System
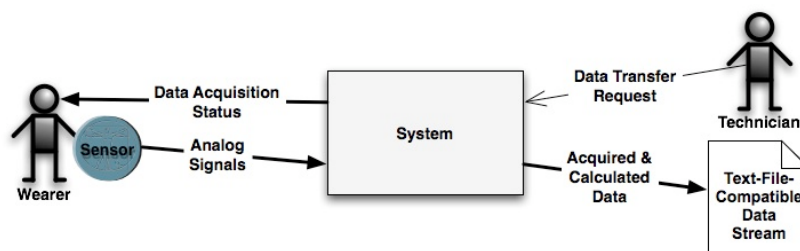
Version 0.1

8 March 2009

1

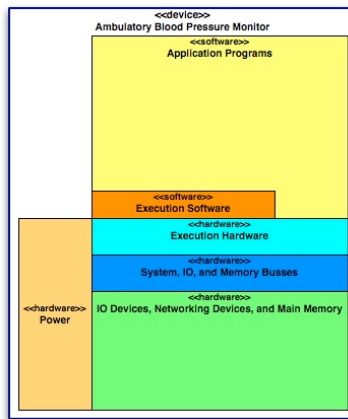# System Context

8 March 2009   2

System Overview

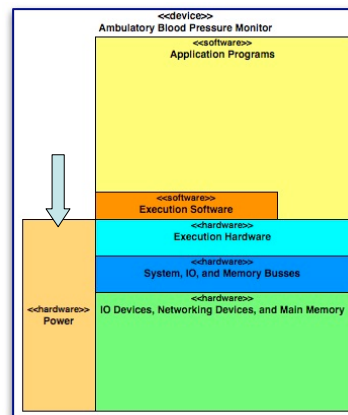8 March 2009 3

Power

8 March 2009 4

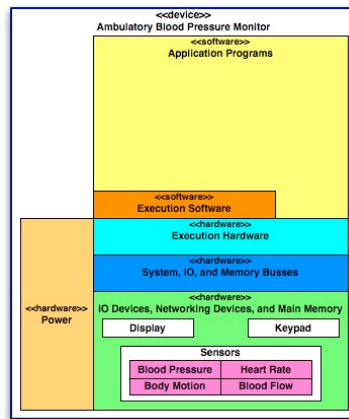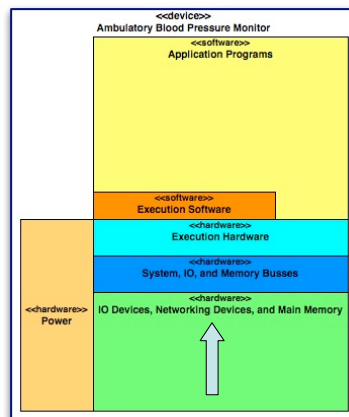# I/O Devices

8 March 2009   5

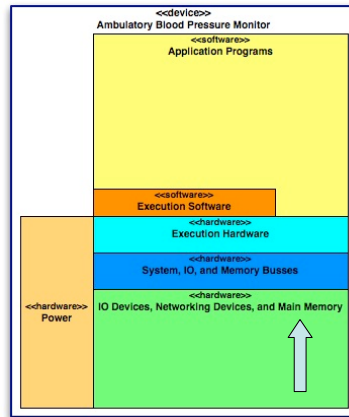# Networking Devices

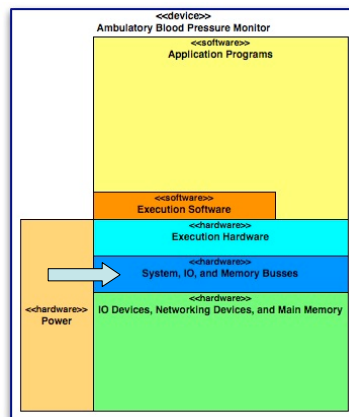8 March 2009   6
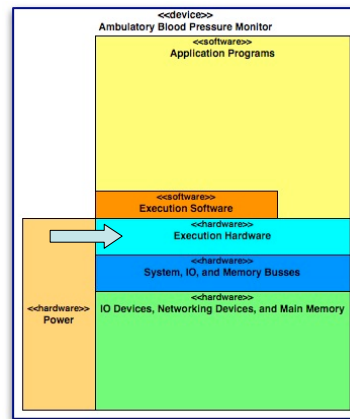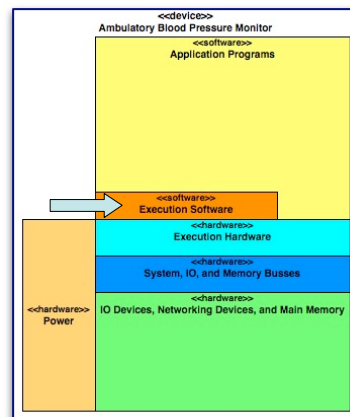
Main Memory

8 March 2009

7

Bus Hardware

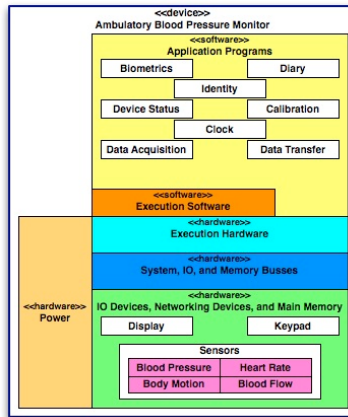

8 March 2009

8

Execution Hardware

8 March 2009

9

Execution Software

8 March 2009

10

On-Board Applications

On-Board Applications
Clock

• ?
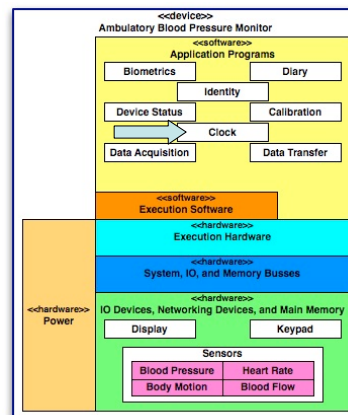
On-Board Applications
Identity

- ?

8 March 2009   13
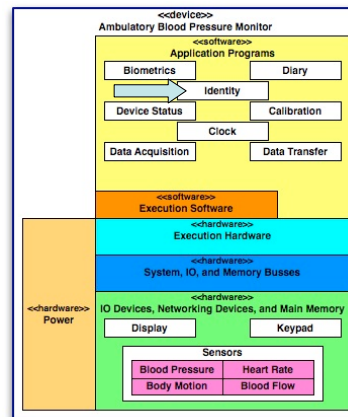
On-Board Applications
Data Acquisition
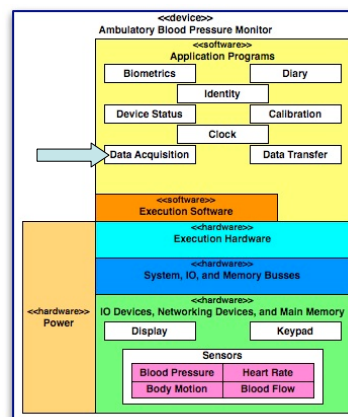
- ?
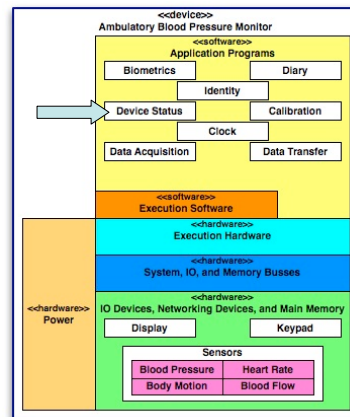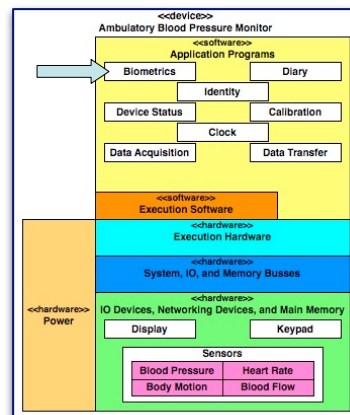

8 March 2009   14
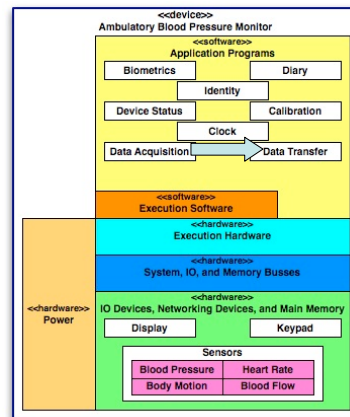
On-Board Applications
Device Status

- ?

8 March 2009

15

On-Board Applications
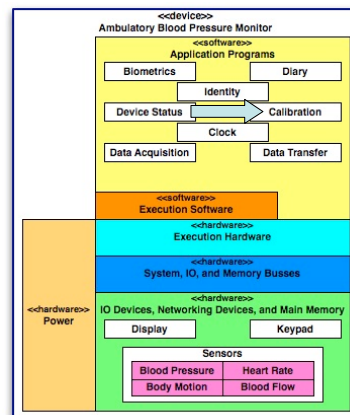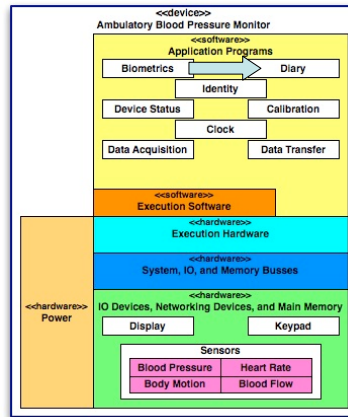## Biometrics

- ?

8 March 2009

16

On-Board Applications
Data Transfer

- ?

8 March 2009

17

On-Board Applications
Calibration

- ?

8 March 2009

18

On-Board Applications
Diary

- ?