Architecture Overview

SAPHE

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Table of Contents

Table of Contents 1

1 Introduction 2

1.1 Document Status 2

1.2 Document Overview 2

2 End-to-end System Architecture 3

3 Home environment 4

4 Continuous monitoring 5

5 Document History 7

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1 Introduction

1.1 Document Status

This document has been approved by SAPHE project management for public release.

1.2 Document Overview

This document has been prepared by the SAPHE Project Partners to provide an high level overview of the end-to-end SAPHE system architecture.

2 End-to-end System Architecture

Figure 1 shows the end-to-end SAPHE system architecture.

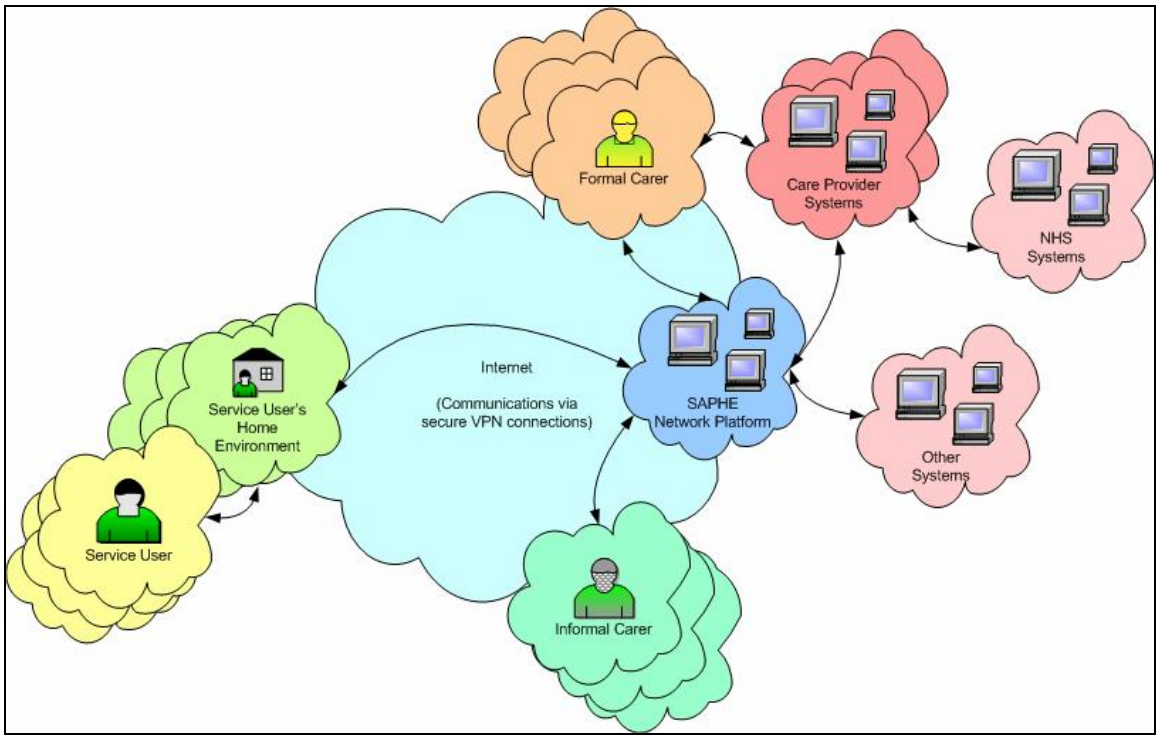

Figure 1: SAPHE end-to-end system architecture.

3 Home environment

Figure 2 shows the SAPHE home environment for a service user.

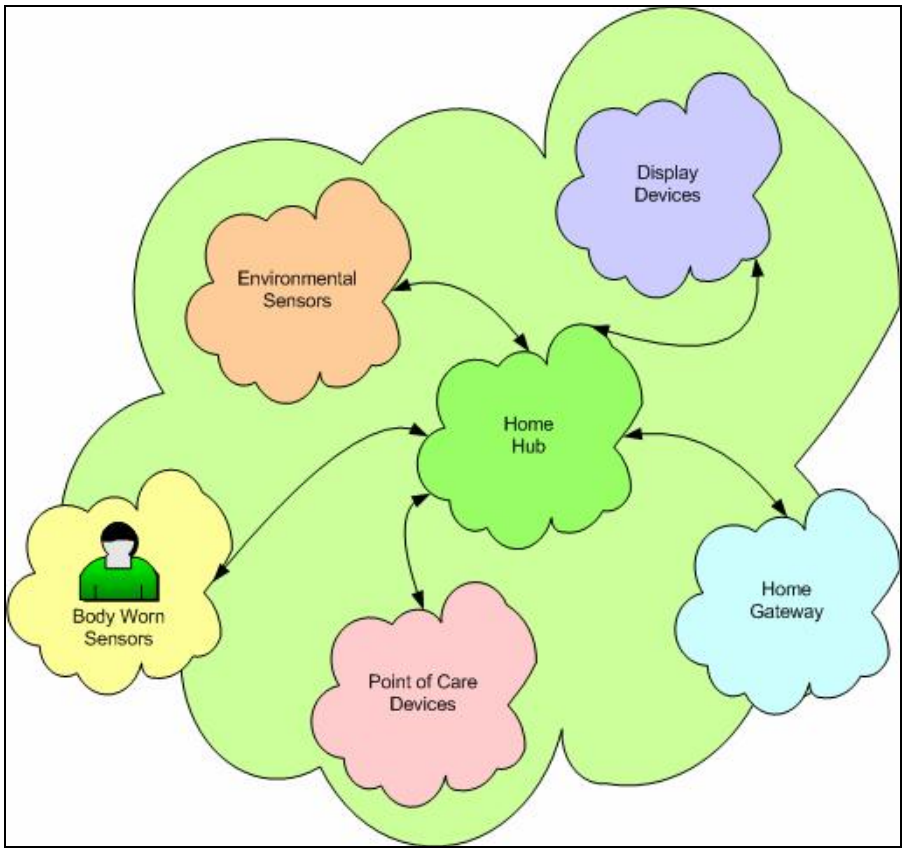

Figure 2: SAPHE home environment.

4 Continuous monitoring

The Service User is able to roam from their home and maintain their monitoring through the use of wireless wearable sensors. The SAPHE wearable sensors are able to store data whilst beyond the home and automatically upload data upon return. Figure 3.

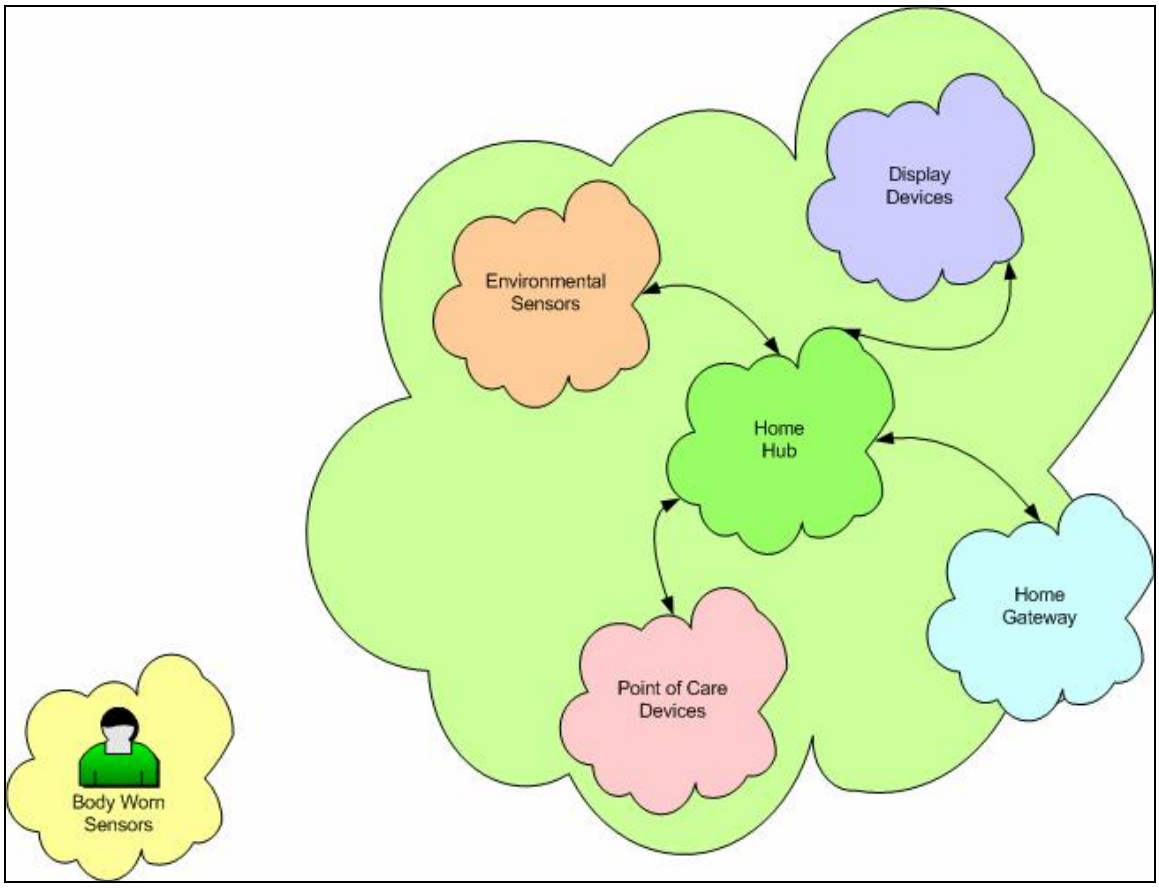

Figure 3: Offline wearable data capture.

The SAPHE wearable system may also be configured to provide real-time connectivity beyond the home via the use of wireless networks. Figure 4.

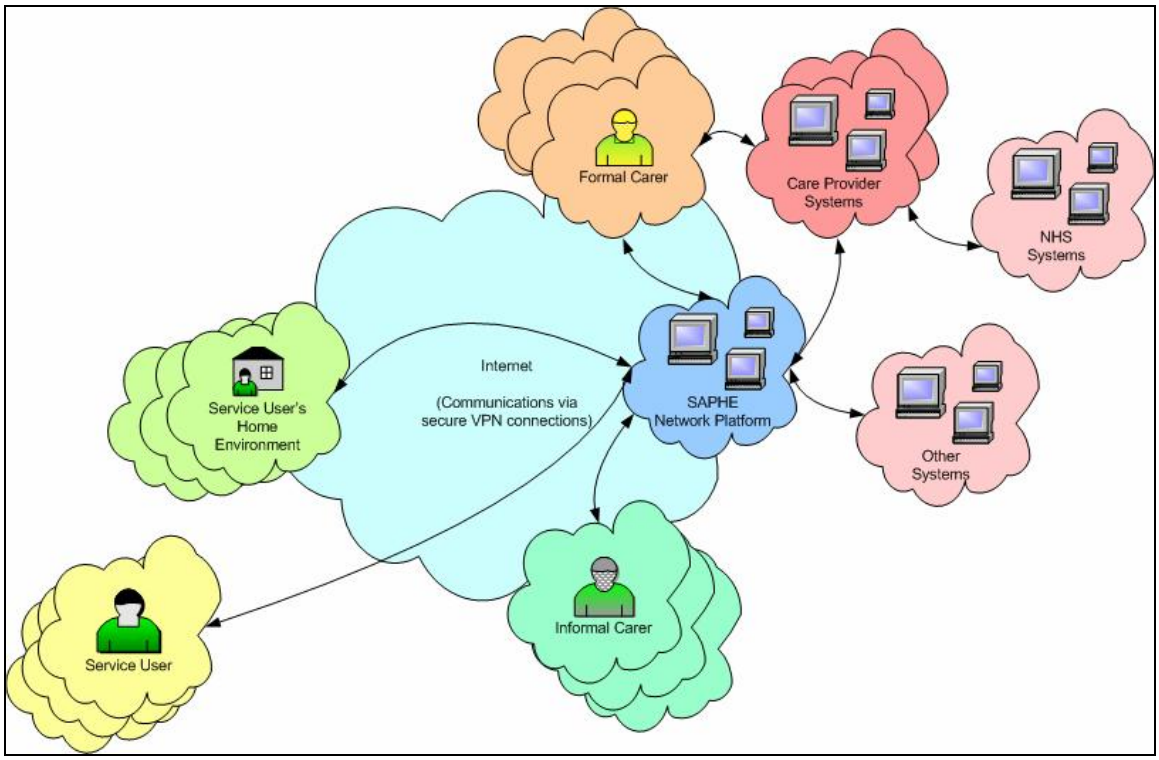

Figure 4: Remote real-time data capture.

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5 Document History

Issue	Date	Prime author(s)	Comments
Draft 0.1	02/10/2007	Nigel Barnes	First draft for comment.

End Of Document