

Service Manager User Manual



SPHINX

A Universal Cyber Security Toolkit for
Health-Care Industry



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1 Introduction

The Service Manager (SM) component, as part of the SPHINX Toolkit will be used for service management, as well as for authentication and authorization purposes.

The SM keeps the registry of services exposed by the other components of the SPHINX Toolkit and encapsulates authentication and authorization functionalities.

The SM will act as a mediator to realize:

- (i) HTTP communication between SPHINX components in a secure manner, and
- (ii) Asynchronous communication between SPHINX components through Kafka.
- (iii) Single sign on functionalities to end users

In all cases the SM acts as an authorization server for the needs of either the direct interaction among SPHINX Components or for the needs of the interaction through Kafka.

In all cases the communication between SPHINX components or with the SM will be realized using tickets issued by the SM.

