

# THE MEDICAL INFORMATICS PLATFORM

## DEPLOYMENT PACK DOCUMENTATION



## MIP DEPLOYMENT PACK- Summary &amp; Content List

**Purpose**

The present MIP Deployment Pack presents is a portfolio of documents providing an overview of the deployment process of the Medical Informatics Platform in research centres and clinical institutions.

- **Document 1**

**Letter of introduction**

- **Document 2**

**Executive Summary** - Outlines the primary issues related to the deployment of the Medical Informatics Platform (MIP) into hospitals participating to the MIP network. It provides the overall context, short description of the MIP and its functionalities, followed by an overview of deployment activities and responsibilities.

- **Document 3**

**Platform Installation and License Agreement** - Is the agreement to be signed by a legal representative of the Centre where the MIP will be installed and a legal representative of CHUV - the legal entity responsible for the development of the Medical Informatics Platform and the management of the infrastructure within the framework of sub-project 8 of the Human Brain Project. It includes a Service Level Agreement (SLA) as Appendix 2.

- **Document 4**

**MIP Deployment Ethics and Legal Requirements - MIP Local** - Present document outlines the Ethics and Legal requirements and responsibilities related to the deployment of the Medical Informatics Platform (MIP) into hospitals participating to the MIP network.

- **Document 5**

**MIP Technical Specifications and Step-by-Step guide for installation** - Provides detailed specification of hardware, software, connectivity and network service configuration, including a step-by-step MIP software deployment guide.

- **Document 6**

**MIP System Description** - Provides a detailed description of the architecture of the MIP.

- **Document 7**

**MIP User Manuel** - Documents the manipulation descriptions and the functionalities for users

Note: This package was produced in January 2019 and is subject to updates and additions

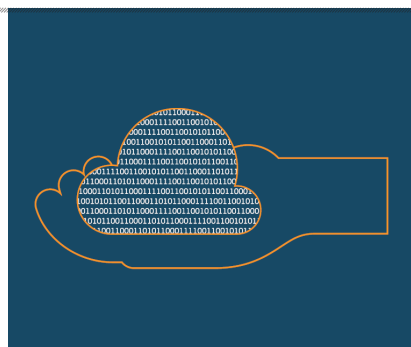
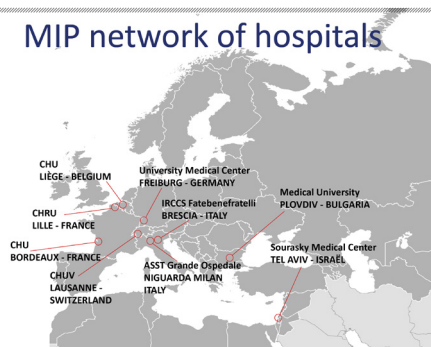
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## PRIVACY-PRESERVING SOFTWARE FOR MEDICAL DATA SHARING

As clinicians, neuroscientists, epidemiologists, researchers, health managers, you deal with data everyday. The amount of data available is growing and represents an unprecedented opportunity to make significant progress by analyzing it with smart innovative tools and new perspectives.

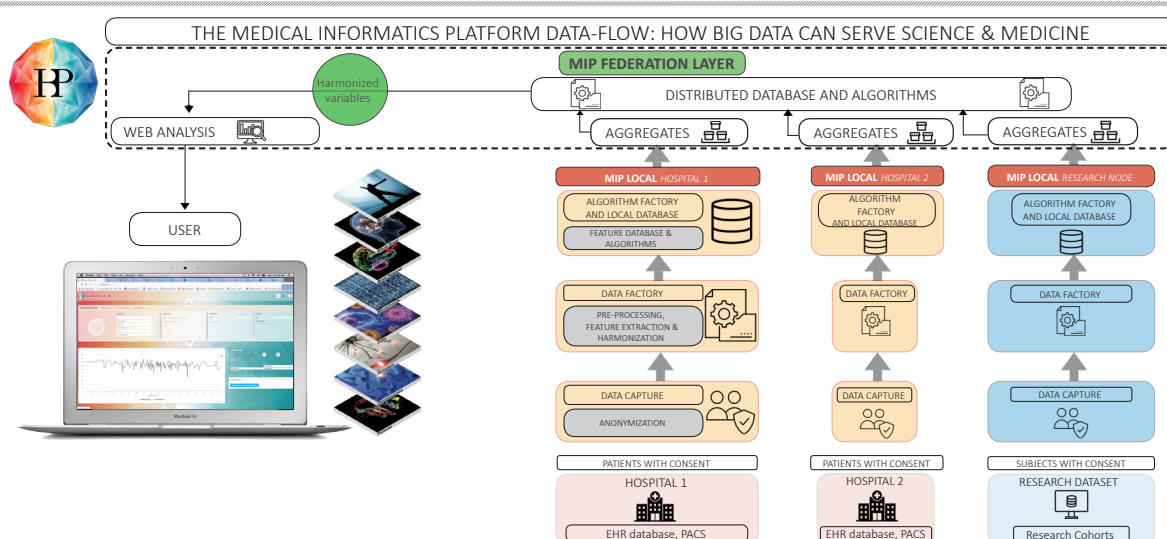
Legal and ethical framework in Europe ensures the protection of personal data and delineate the purposes for which processing is legitimate. Centralizing all the data available is not possible, but solutions begin to appear.

### MIP network of hospitals



SP8 develops and operates the Medical Informatics Platform (MIP), a privacy preserving data analytics application for clinicians and researchers, enabling you to run analysis on health-related data distributed across different hospitals and research centers, without moving the data outside their original storage.

MIP can help you investigate and compare harmonized medical data extracted from pre-processed neuroimaging, neurophysiological, -omics and medical records. It features a user-friendly interface to run statistical analysis and predictive models using machine learning on large datasets.



The present package will introduce you to the MIP, highlighting some key features and benefits, as well as give you an overview of the requirements and deployment process.

We hope it will raise your interest, in which case our team is available to provide you with a more detailed documentation and a personalized support.