

# WP6 – Cloud Infrastructure and Integrated Platform

-where the integration takes place-

- Integration planning
- Support tools
- Cloud infrastructure



## Integration



## Verification



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# WP6 – Objectives

- build the PROTEIN Platform with an open, service-oriented architecture -

To setup the tools to support the internal development and operation (DevOps) needs of the project, such as code repository, bug tracking and automated testing and verification

To analyse the integration requirements and setup a thorough integration, testing and validation plan in line with demonstration activities in WP7

To establish a reliable cloud infrastructure, which will provide the basis for the PROTEIN cloud database service

To implement the mobile application suite and setup an IoT-enabled data collection and device orchestration layer

To integrate the PROTEIN platform, to verify its technological performance and to deliver it in multiple iterations in-line with the project's iterative methodology



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# WP6 – Tasks

- task breakdown -

**T6.1** - Integration plan and support tools

**T6.2** - Cloud-based data management system

**T6.3** - Mobile application suite

**T6.4** - The integrated PROTEIN web platform

**T6.5** - System verification

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