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## The SPD Software & Computing project

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The Spin Physics Detector (SPD) collaboration is developing a universal detector to be installed at the second interaction point of the Nuclotron-based Ion Collider Facility (NICA). Along with establishment of facility, refinement of the physical research program, growing up needs in data processing. To address these needs and provide essential IT services, the SPD Software & Computing (S&C) project was launched.

Key Objectives of the Project:

- Develop reliable, efficient, and maintainable software for experimental data processing.
- Establish a sustainable data processing system for both online and offline operations.
- Ensure robust and efficient storage of experimental data.
- Implement SPD-specific information systems and services.

This presentation outlines the general structure of the SPD S&C project and highlights the key IT challenges being addressed for the SPD experiment.

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