

Software tools for MPS

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While dedicated Hardware systems protect the LHC against different types of failures, the role of software systems in the environment of Machine Protection is more in the area of configuration, supervision and diagnostics. This talk will present ideas for improvements on some of those systems as well as visions for further developments. A dedicated focus will be given to tools which shall improve the reliability of MPS commissioning steps and other software improvements, which could prevent human errors during operation, and thus increase availability.