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Control system for lasers at HiLASE

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We present the current state of the HiLASE Centre control system. The aim of the development is to build a control system which would be in charge of the operation of kW-class in-house developed laser beamlines. These beamlines deliver picosecond pulses with repetition rates between 1 kHz and 1 MHz and high-energy nanosecond pulses at 10 Hz. A generic control system architecture is presented, which can either support full-size development lasers or compact industrial versions.

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