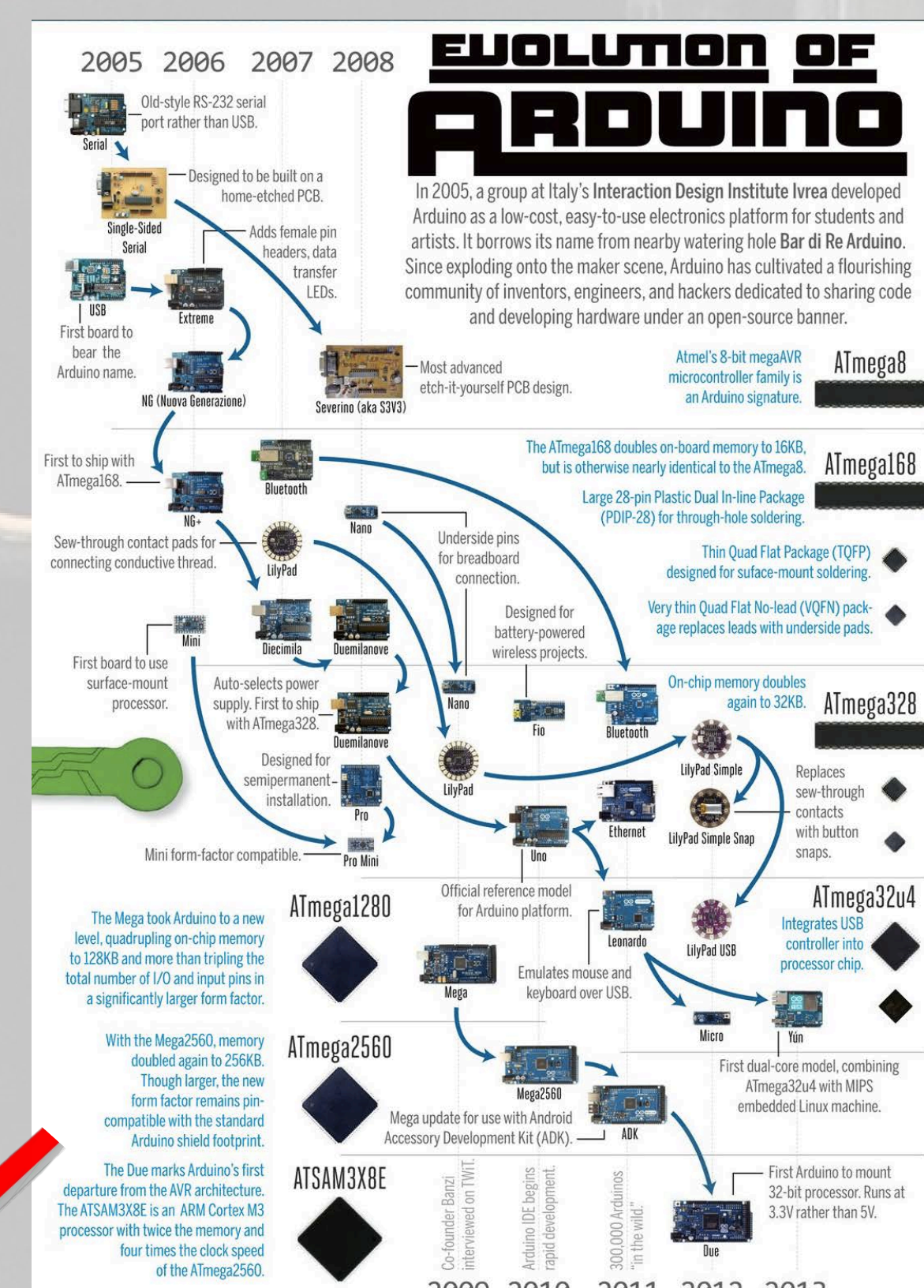
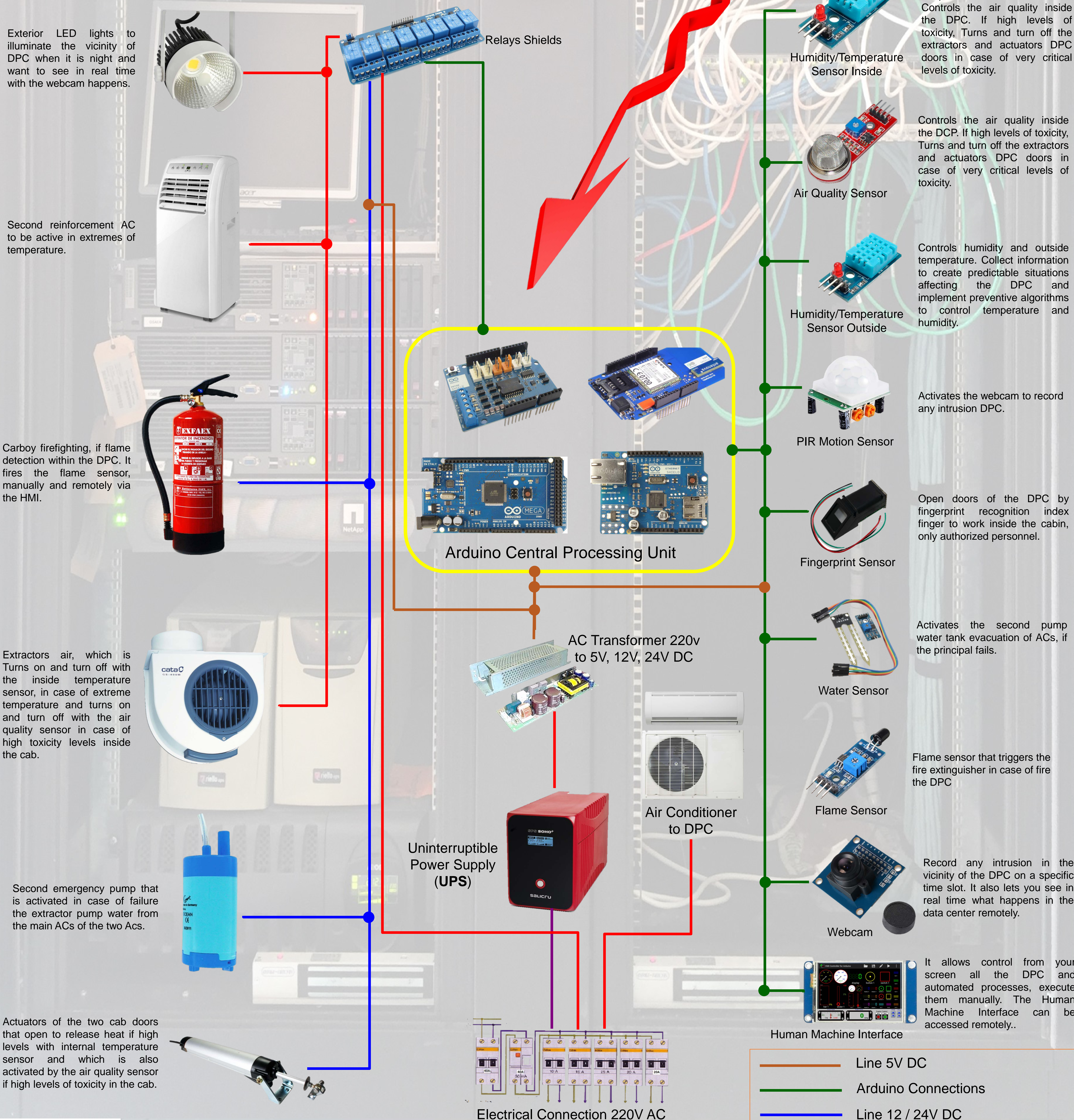


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A web-based interface system, continuously, feeds a database with the whole bunch of collected data from the controllers and sensors for further analysis, in order to monitor the DPC performance and behavior. Most of these functions are verified in parallel with a real-time alarm system, through mobile devices which may, if necessary, act within the running algorithm that controls the DPC intelligent functions.



https://alfredovela.files.wordpress.com/2013/11/infografia_evolucion_de_arduino.jpg



The wide set of sensors and actuators, controlled by Arduino boards and managed by a Raspberry Pi, allows to create an infrastructure for the automation and remote control of a DPC, enabling us to manage it from everywhere, through a Human Machine Interface (HMI) with different implementations, such as web-based ones, smartphone apps and even portable Raspberry Pi-based HMI consoles.