

PALLADIO

Software for Asset Integrity and 3D Asset Management

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Integrating operating windows (IOW)



The purpose of the application is to ensure that the equipment used in the facilities will operate under conditions that do not involve unforeseen damage mechanisms.

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Defining the IOW

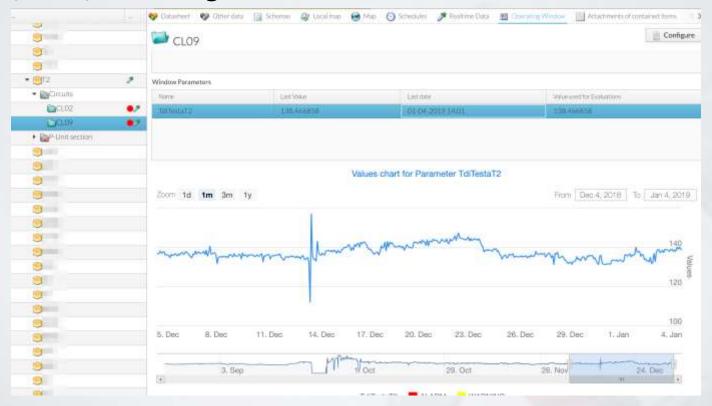


For each equipment (or circuit), a set of process variables or their combination can be selected, to which operating ranges can be set.

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The system must have in-line process data (temperatures, flow pressures and more) and the results of fluid laboratory analysis (with measurements, for example, pH, H2S concentration). Therefore, a connection must be made to both the DCS system of the plant and the laboratory analysis management software.



Warnings and Alarms

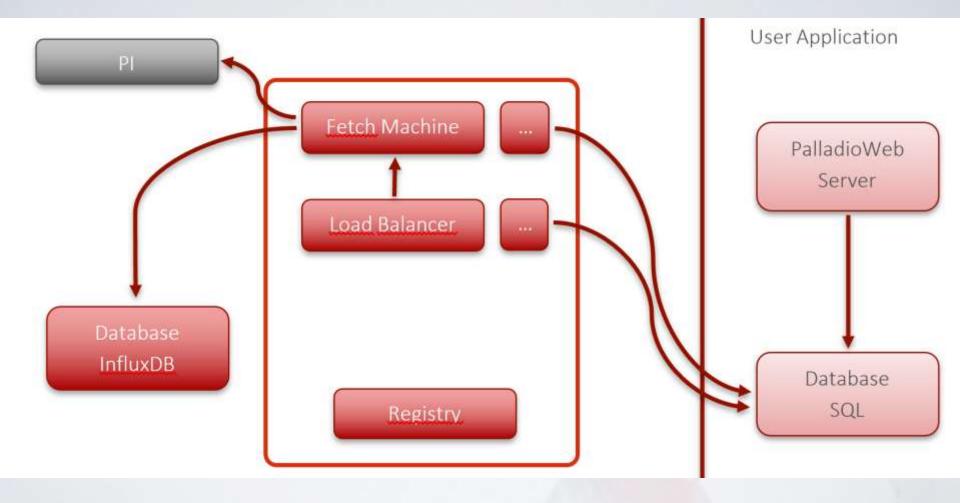


If a IOW is in an alarm or warning state, the system can send an email to users.

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Hardware infrastructure

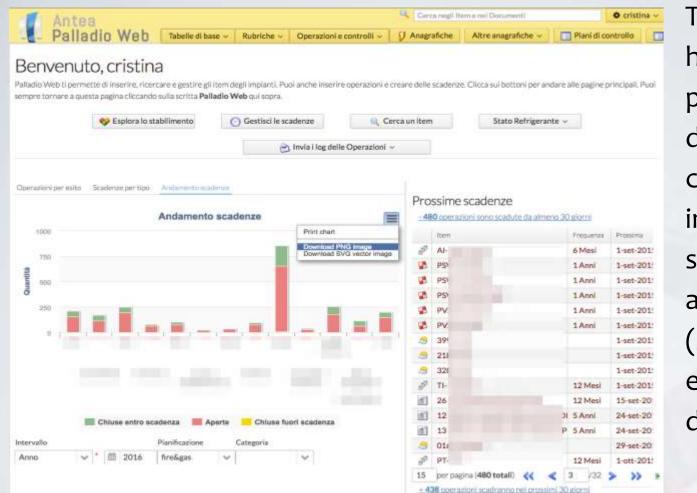




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Dashboard





The system homepage will also present a dashboard containing information on the status of the alarms in progress (see Figure 2 for an example of a dashboard).





Antea our eyes, your security

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