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# EPSC Webinar

Wednesday, 1 September 2021

15:00 – 16:00 (CEST)

14:00 – 15:00 (BST)



*EPSC webinars facilitated by knowledgeable solution providers offer the opportunity to learn and discuss on a specific safety topic.*

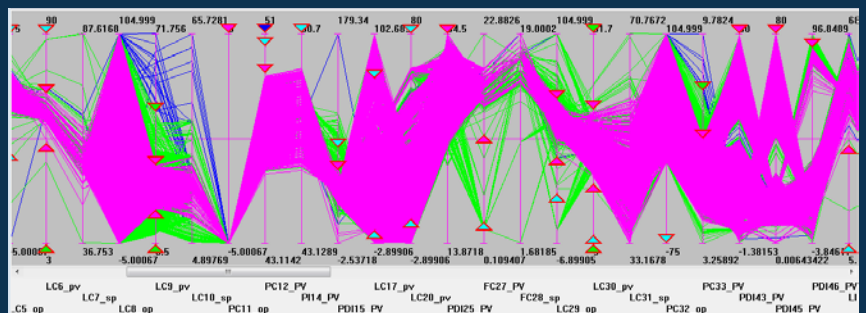
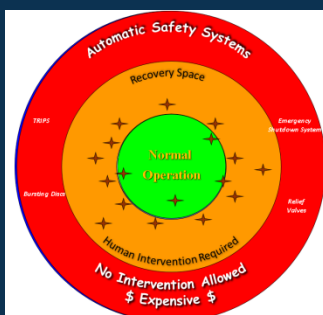
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## Scientifically Connecting Alarm Limits and Operating Envelopes

The single biggest cause of poor operator alarms is inconsistent alarm limits. The advice on how to find these values is to put them “at the boundary of where you normally operate” but that is very difficult to do consistently with several hundred alarmed variables. There hasn’t been an efficient way to see the boundary of where a process is normally operated. Geometric Process Control (GPC) technology makes it simple to find and see historic process operations, making it possible to easily see the entire relationship between the process operating envelope, operating objectives, and existing or proposed alarm limits.

### Aspects to be discussed in an interactive setting

- Visualizing operating envelopes in hundreds of variables
- Applying quality objectives to find ideal operating envelopes
- Evaluating alarm limit sets with respect to historic operation
- Setting alarms at the edge of normal operation
- Restructuring alarm rationalization to save time and improve quality



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