THPV049

Virtualisation and Software Appliances as Means for Deployment of SCADA in Isolated Systems



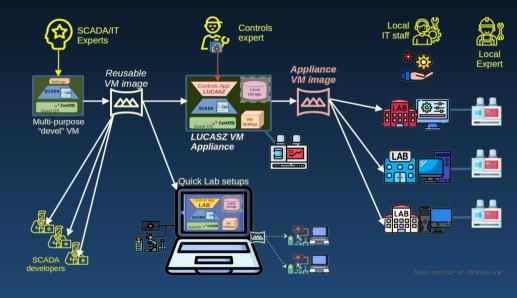
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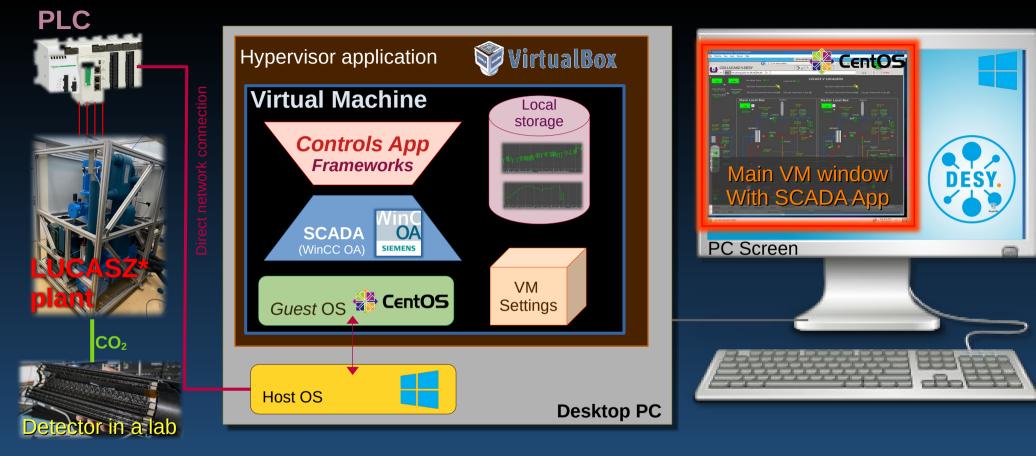
* LUCASZ: Light Use Cooling Appliance for Surface Zones

Bluckbox deployment of SCADA for the LUCASZ* CO₂ detector cooling: appliance based on local desktop virtualisation using VirtualBox allows to contain the controls app together with complete environment and dependencies

- Fully functional SCADA for detector cooling operation
- Rapid to deploy and maintain
 - by local IT staff or users with no controls-specific knowledge
 - easy updates, backups, disaster-recovery

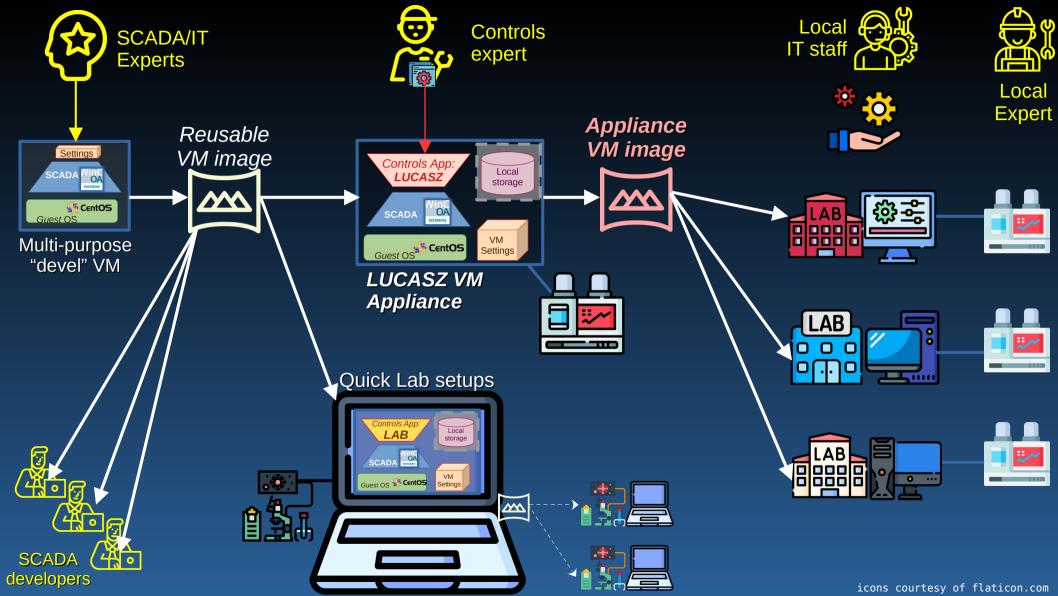


- Secure and independent from lab's infrastructure (hardware, operating system, network)
- Reusable self-contained images
- Generally applicable concept



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Advantages:

- Fully functional SCADA for detector cooling operation
- Rapid to deploy and maintain
 - by local IT staff or users with no controls-specific knowledge
 - easy updates, backups, disaster-recovery
- Secure and independent from lab's infrastructure (h/w, operating system, network)
- Reusable self-contained images
- Generally applicable concept

