

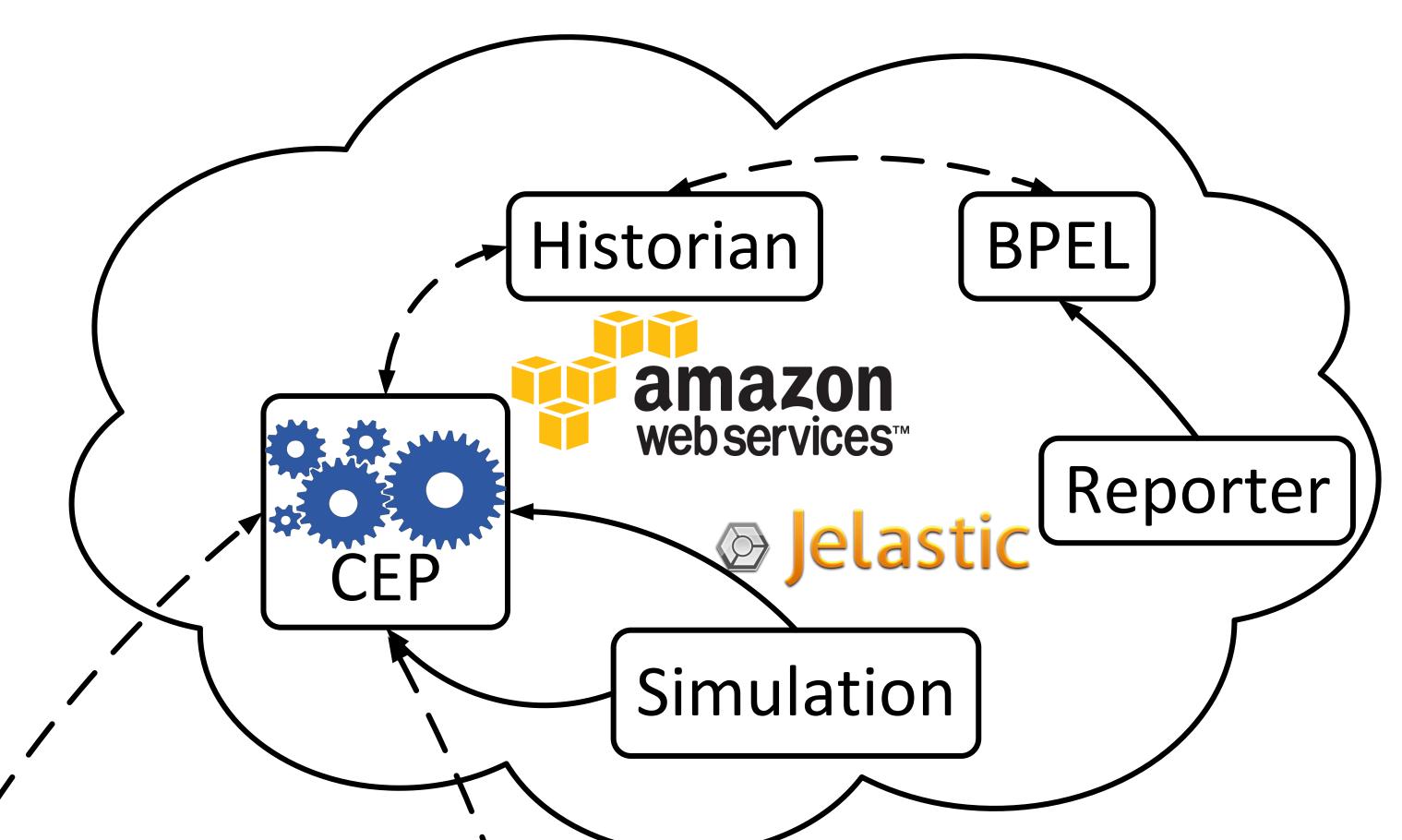
Use Case 2: Oil Lubrication



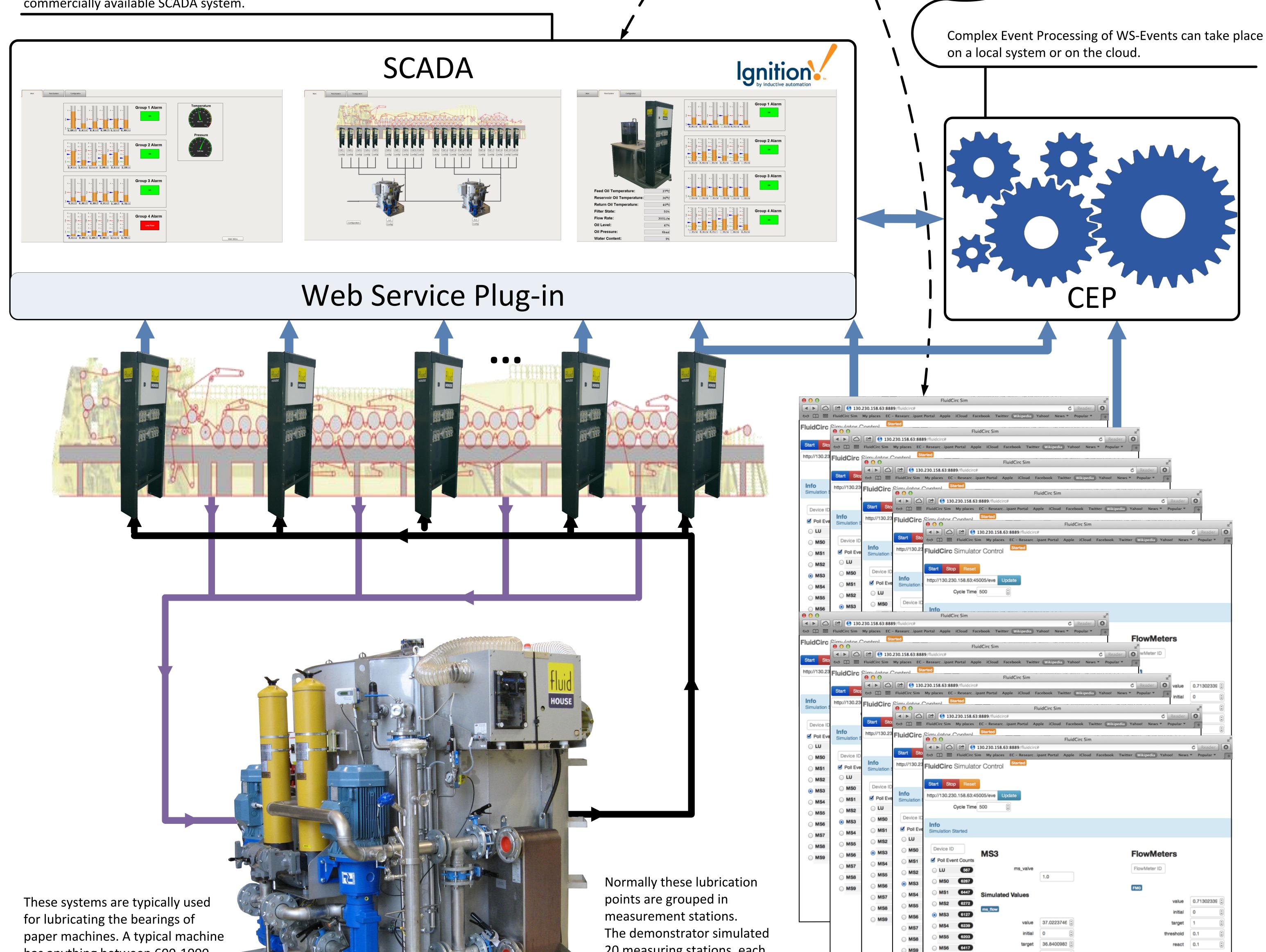
Results	
Events sent by simulator	21157
Complex event rate/min	528 CE/min
Minimum propagation delay	160 ms
Maximum propagation delay*	107376 ms
Average propagation delay*	46021
Total number of complex events	3396

*- These are not related to the network delays, but processing speed of overloaded CEP service application for given experiment setup

Results obtained in a 5 minute test with incremental grow of flow meters

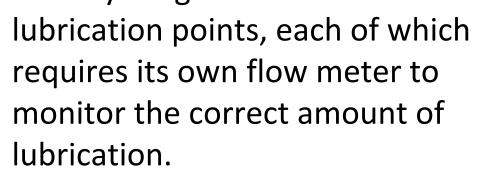


Visualization and monitoring was accomplished by developing a DPWS driver for a commercially available SCADA system.



has anything between 600-1000

20 measuring stations, each





generating flow rate events for 24 flow meters.





threshold 0.2

threshold

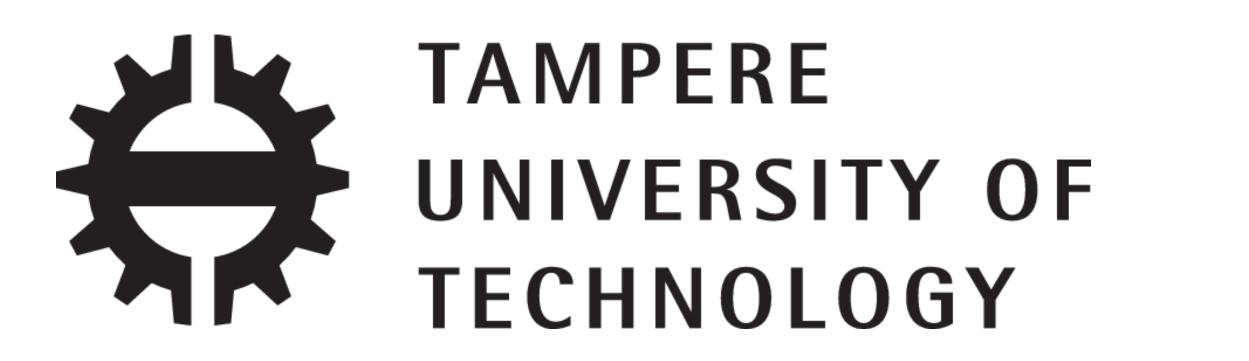
6.3276085

6.2300805

override

1.78174013

FM1





IMC-AESOP: ArchitecturE for Service-Oriented Process - Monitoring and Control Seventh Framework Programme (FP7) Theme ICT - Information and Communication Technologies Grant agreement no: 258682 | Project Co-ordinator: Armando Walter Colombo | Schneider Electric Automation GmbH © 2013 The IMC-AESOP consortium. All disclosure and/or reproduction rights reserved

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MS9 6337