

MONITORING AND ALERTING

Vienna, 03-11-2017

part of **Solocal**
group

Intro and idea



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- ▶ Monitoring & alerting is obviously huge topic which is not IT specific...
- ▶ ...and for sure something that can be “explained” or “presented” even in 10 hours, let alone 10ish mins
- ▶ Idea of this talk - to mention only few important concepts and ideas in order to plant some seeds that will hopefully grow into something good for everybody

Basics



- ▶ Monitoring & alerting is **one thing** - one does not go without other. Same like “Einstein’s” time-space.
- ▶ **Logging isn't monitoring!!!**
- ▶ Monitoring & alerting is observing, analysing, checking, recording and alerting. Logging is **recording only!**

Basics



Basics

- ▶ Monitoring & alerting **is discipline** that should be used to get situation awareness and (proactively) detect and solve problems, hopefully even before they happen
- ▶ Logging (alone) is pile of recorded historical data that is used for **post mortem** investigations...
- ▶ ...but when logs are processed and analysed in real time, then they are actually part of monitoring & alerting



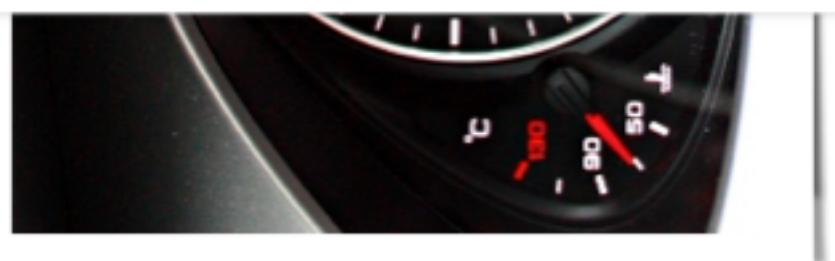
Important concepts

- ▶ Relevance
 - ▶ Coverage
 - ▶ Frequency
 - ▶ Metrics evaluation - trends
 - ▶ Metrics evaluation - exceptions
 - ▶ Alerting & escalation
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- ▶ Let's look into those concepts just a bit closer using few (everyday life) examples



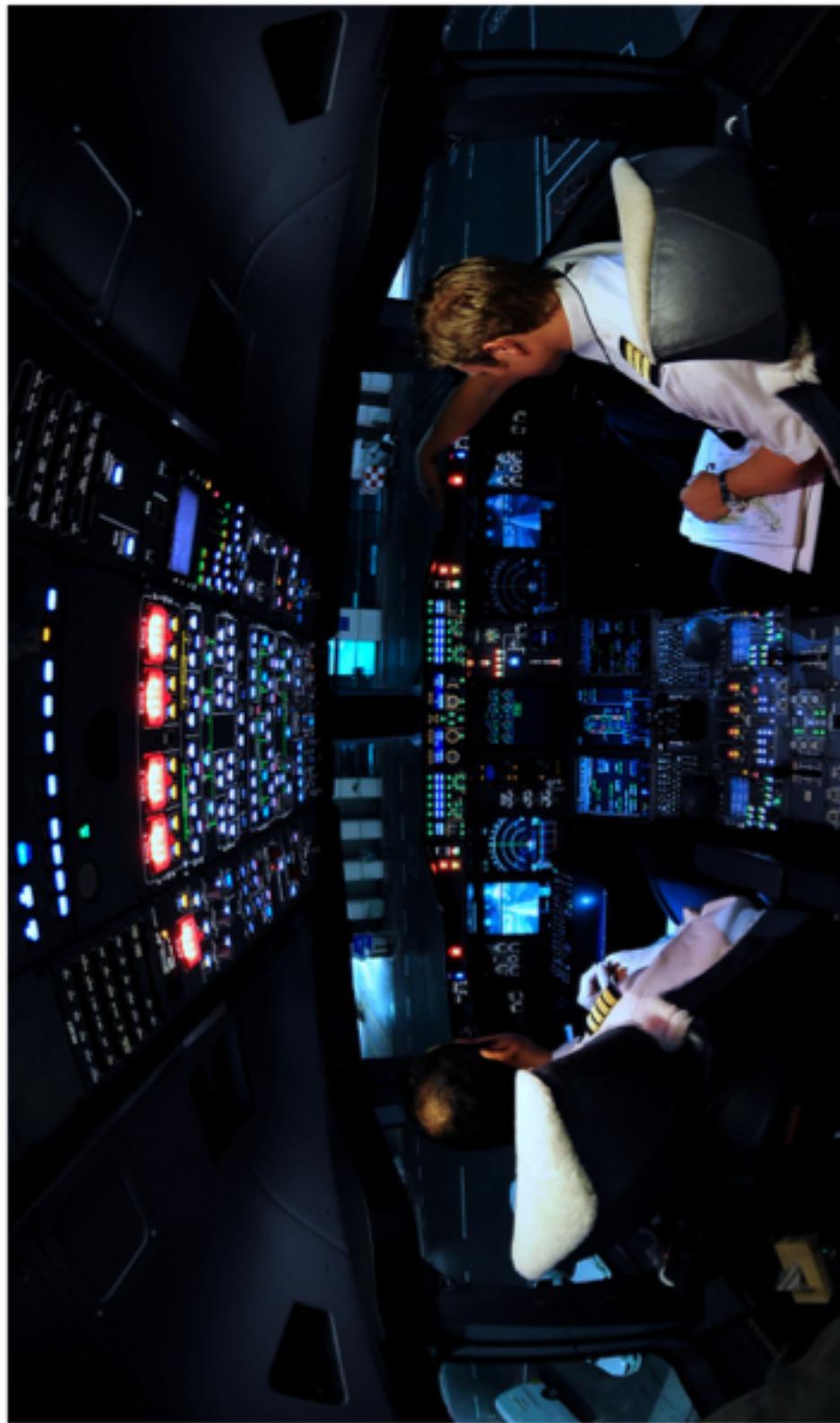
Relevance 1st!!!

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Relevance 1st (not everyday experience)!!!

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Coverage

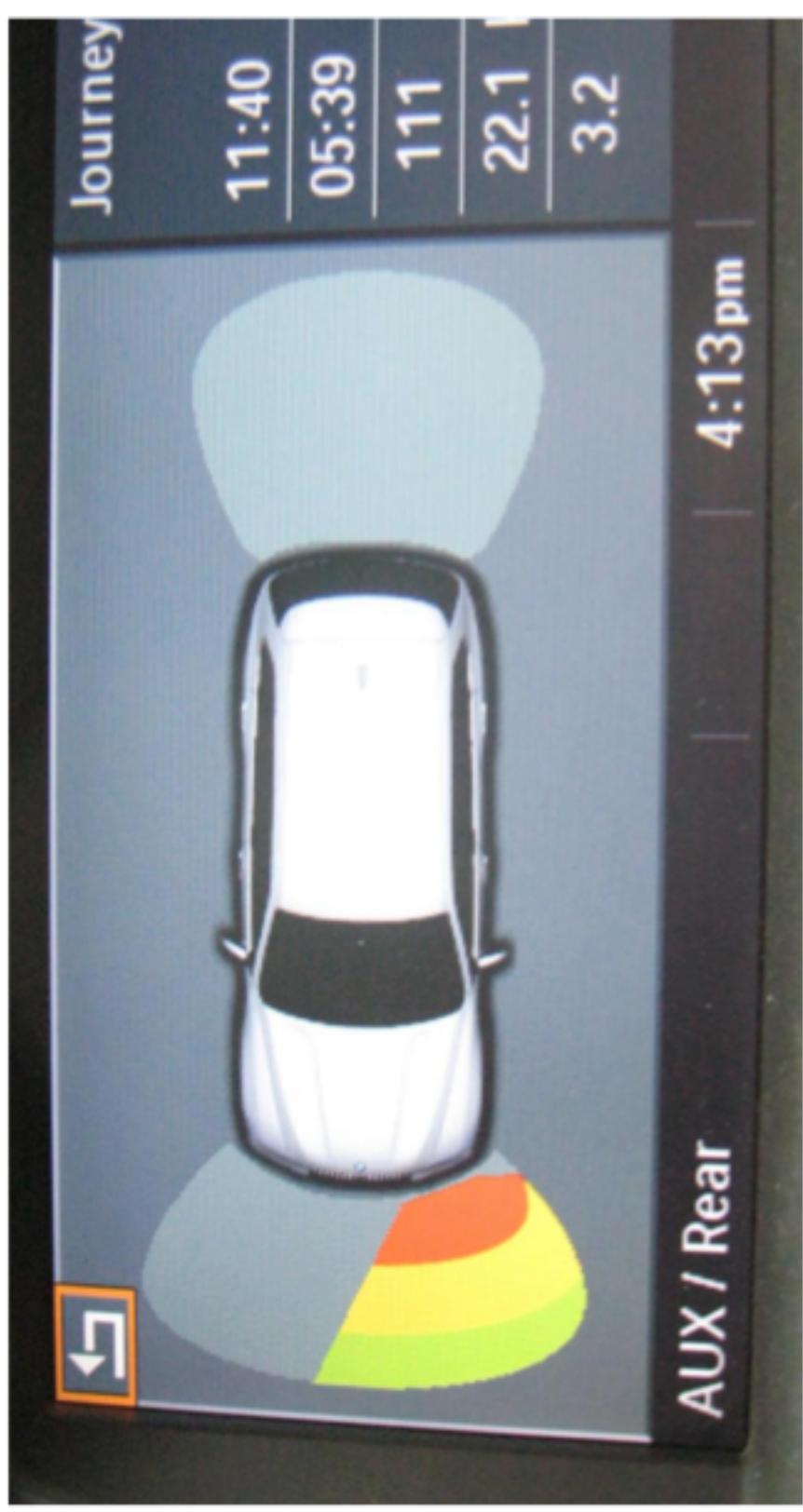


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Frequency



Frequency

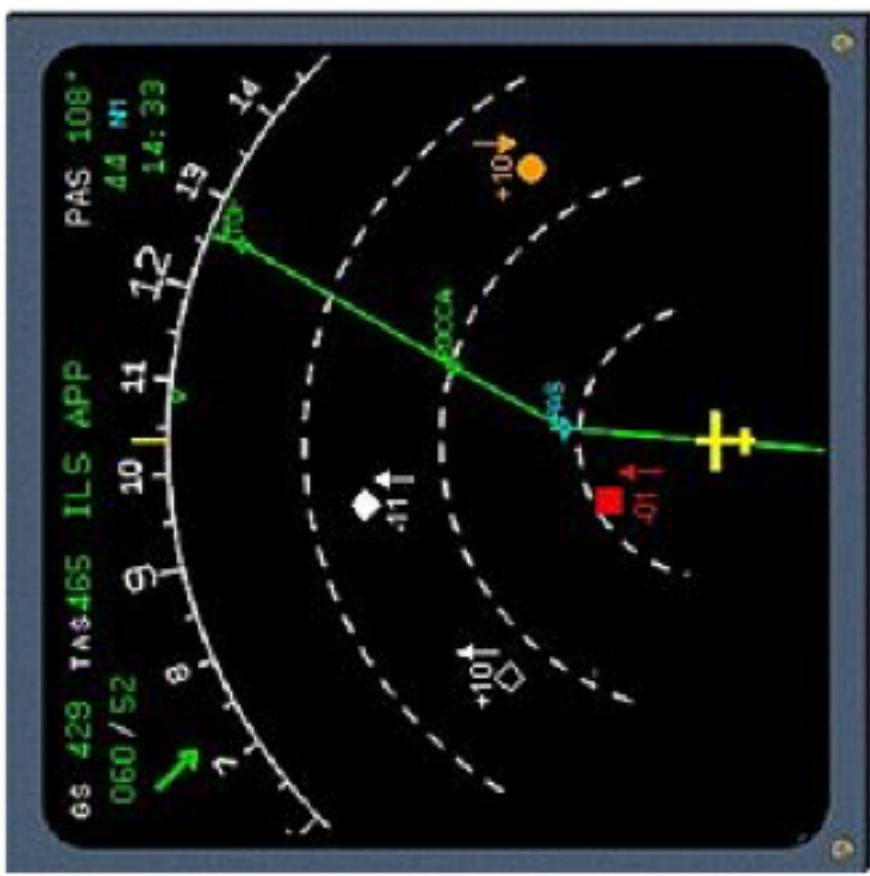


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Metrics evaluation - trends



Metrics evaluation - trends



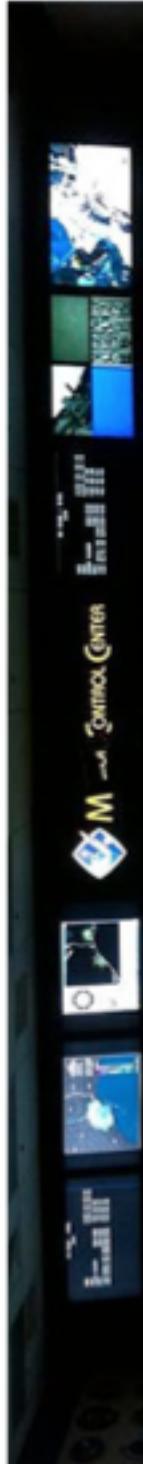
Metrics evaluation - exceptions

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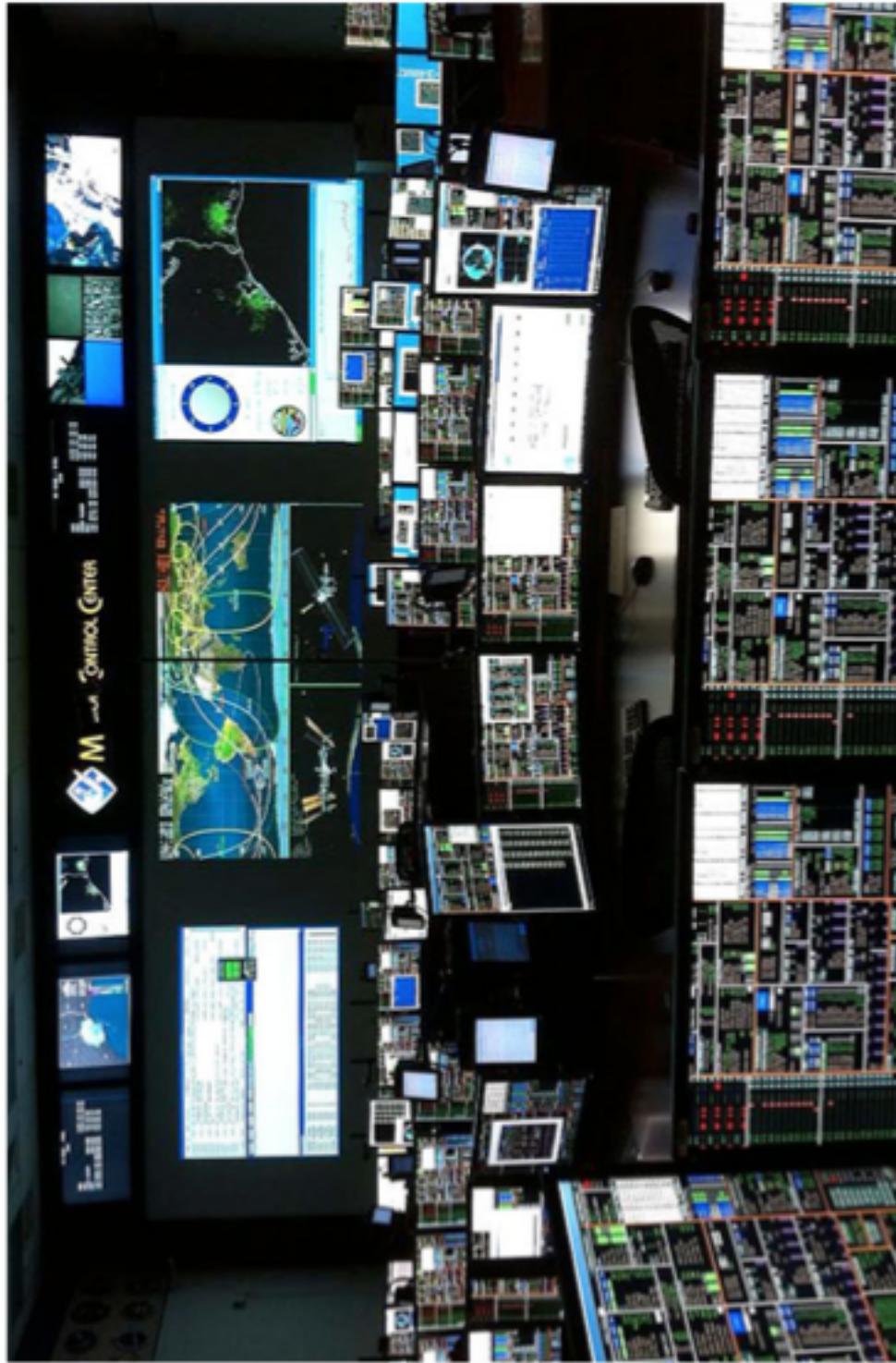


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Alerting & escalation



Alerting & escalation



That is not all....

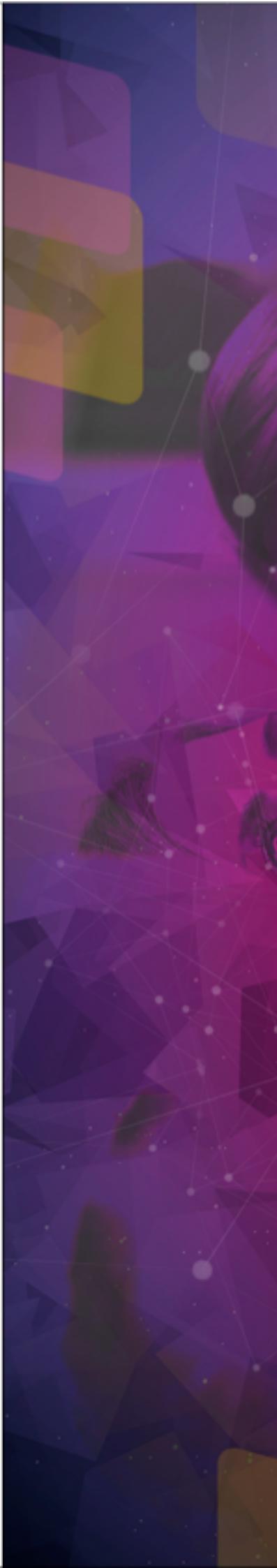
solutions that
...so we will continue

That is not all....

...so we will continue
will work for us!



solutions that



THANK YOU!