

Swiss International Air Lines Safety Performance Indicator (SPI) Project

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Swiss International Air Lines Safety Performance Indicator (SPI) Project

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Project started as part of our SMS project in 2008

Target:

- Define a set of indicators allowing to represent the safety performance thru the whole company
- The indicators shall be simple, measurable and reliable
- It must be a mix of outcome indicators (Operational SPIs) and process indicators (Organizational SPIs)

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Vision:

- The SPIs shall allow an instant global overview of our safety performance
- The SPIs shall allow an in depth analysis
- The presentation of the SPIs shall be as intuitive as...



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Our solution:

– The SPIs are based on three values:

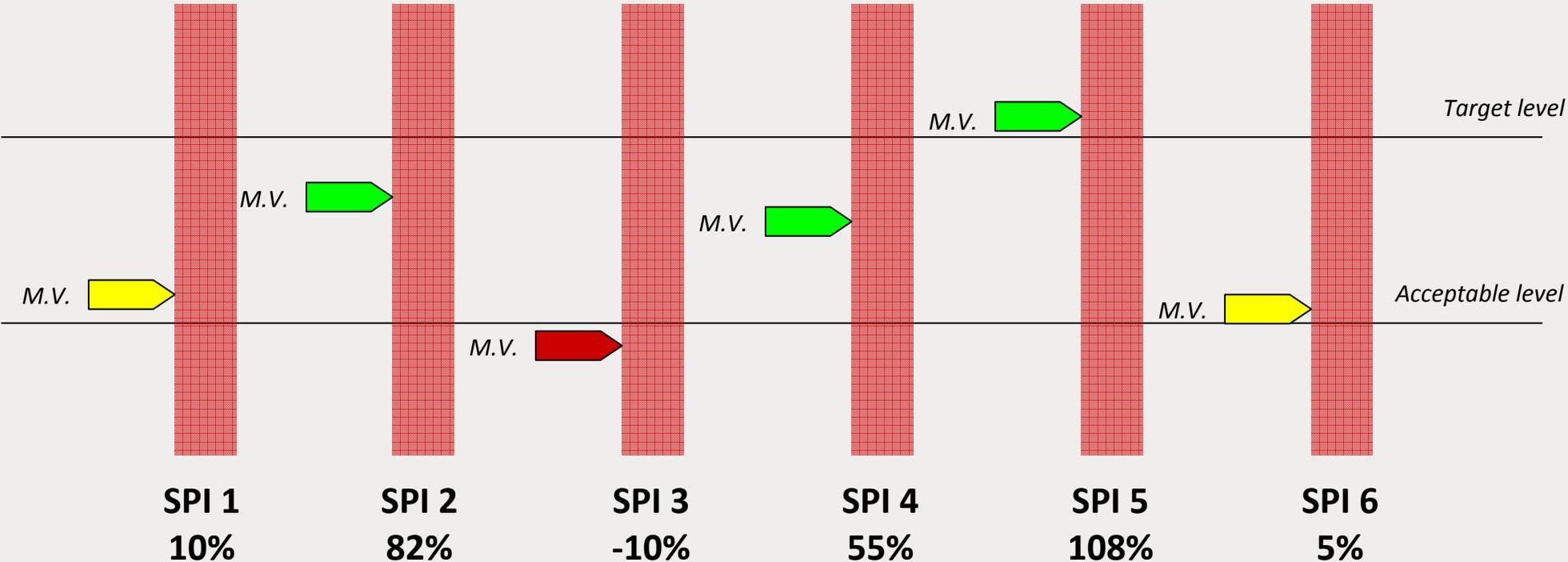
- One measured value
- One acceptable level
- One target level



– The SPI is the measured value in relation to the acceptable and target levels:

$$\text{SPI} = \left(\frac{\text{Measured Value} - \text{Acceptable Level}}{\text{Target Level} - \text{Acceptable Level}} \right) * 100$$

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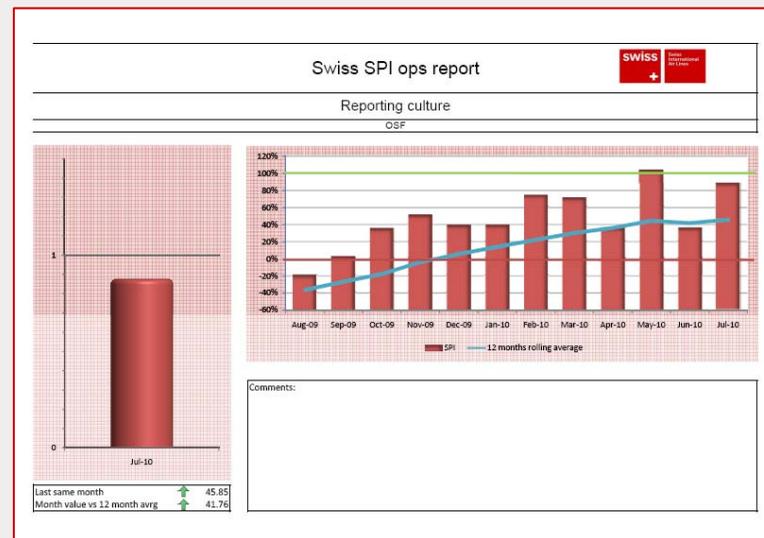


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Our solution:

- The measured values, acceptable and target level are set by the business unit themselves during a workshop under the moderation of a safety specialist
- The values and levels defined during the workshop have to be reviewed regularly for relevancy.
- The SPIs are reported to the Safety Assurance dpt on a monthly basis



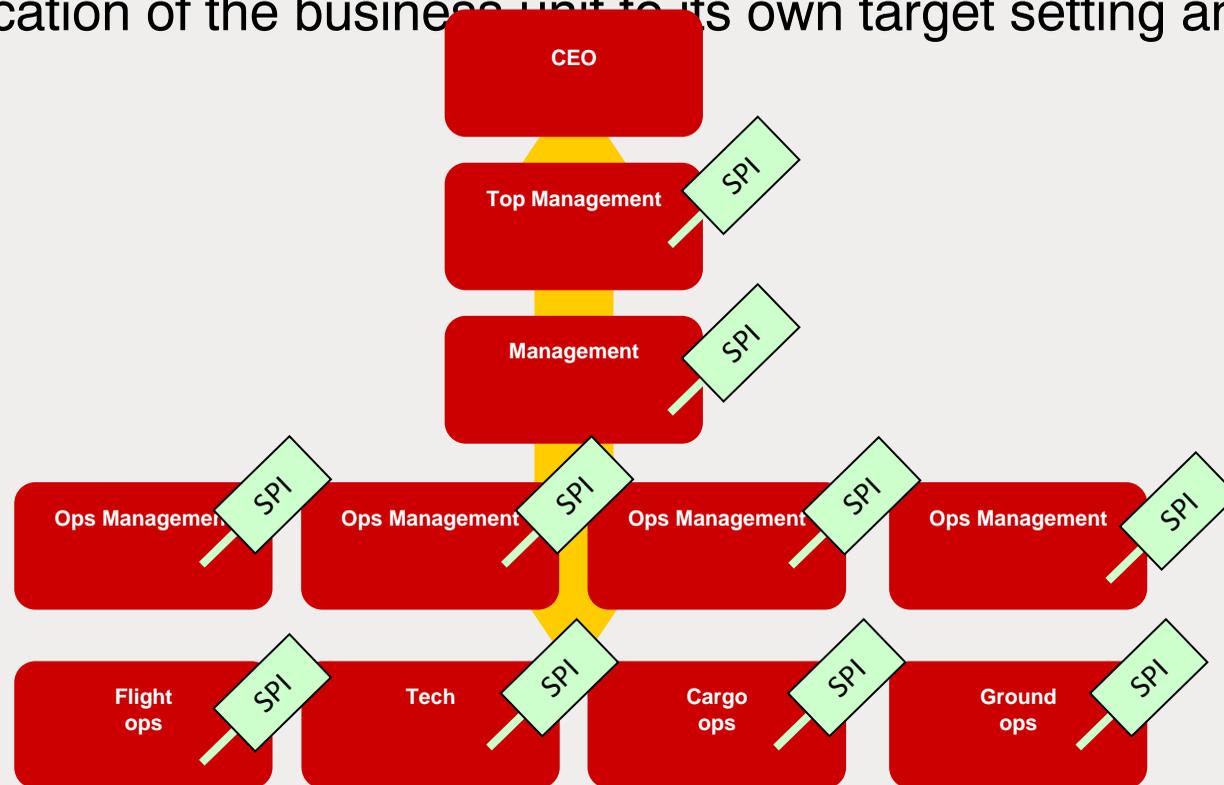
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Expected “goodies”:

- SPI implementation thru the whole organization for better pro active data
- Increased safety awareness thru the workshop process
- Better identification of the business unit to its own target setting and reporting



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Project status:

- First rounds of workshop within the Safety Assurance organization (end of 2010)
- Implementation within the Operation division (end of 2011)
- Implementation to the whole organization (end of 2012)



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Any Questions?
Thank you for your attention!

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