

FEA General Assembly & Forum 2015 in Prague on the 22<sup>nd</sup> and 23<sup>rd</sup> of September 2015



## Information Technology in the Aerosol RDI Laboratory Management

Martin Surýnek Ph.D., Czech Aerosol a.s.



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### Czech Aerosol a.s. (CA)

➤ more than 50 Years of aerosol manufacturing and experience in industry
➤ is the oldest and the biggest Aerosol manufacturer in the Czech Republic
➤ three Pamasol aerosol production lines



### Martin Surýnek, Ph.D. and R&D by CA

- by Czech Aerosol a.s. since 2010
- > 2010-2012 as R&D researcher
- > 2012-now as Head of R&D
- R&D in CA consist of 5 researchers, 2 legislation specialists and 2 technicians



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#### **Starting point**

- ➤ growing number of projects ...
- > customer requests to have faster feedback to their demands ...
- = pressure to increase effectiveness with same personal capacity

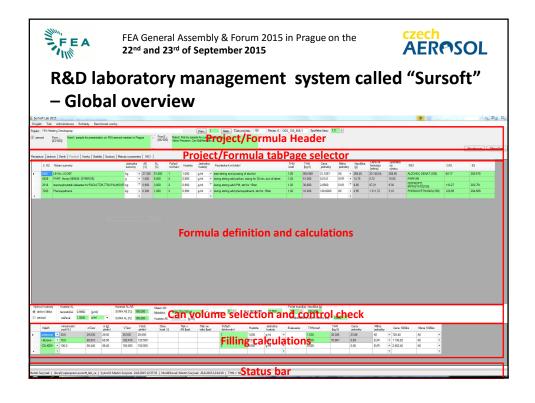
#### Situation and weak points ...

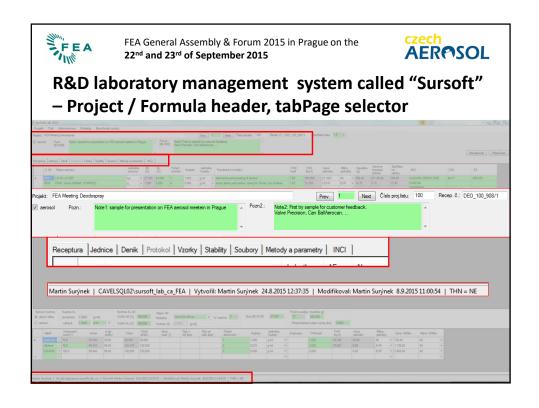
- > data in paper orders and data files ...
- > problems with data searching, sharing, identification ...
- > information system not customized for effective R&D work ...
- > source of errors ...
- > not uniform outputs ...

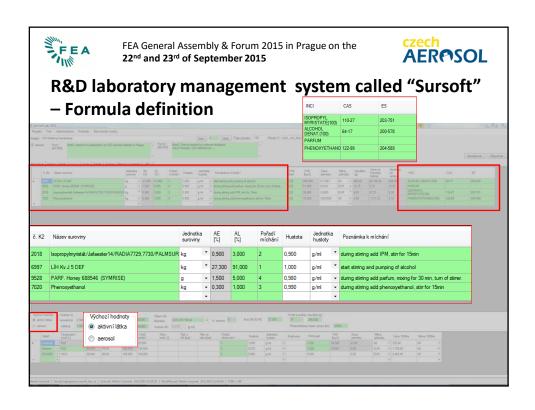
all above mentioned points have common thing = time lost

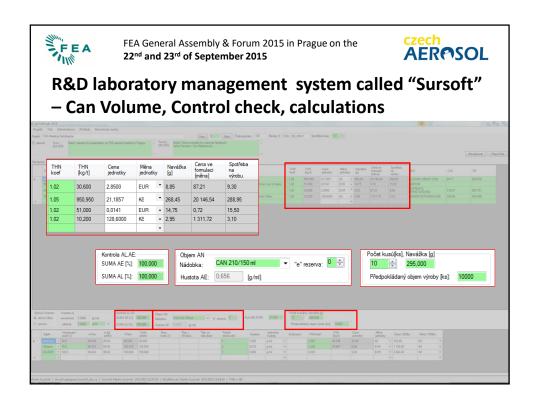
=> Dream to have a customized "one click" system with all data on one place and accessible from anywhere.

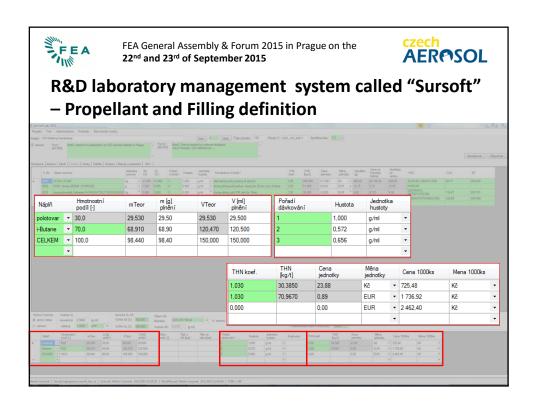
And now I present you how we solved it and how it works.

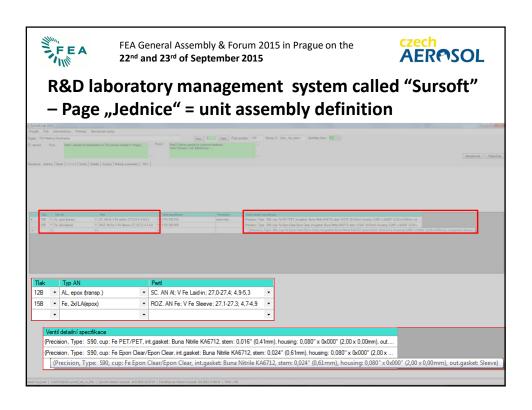


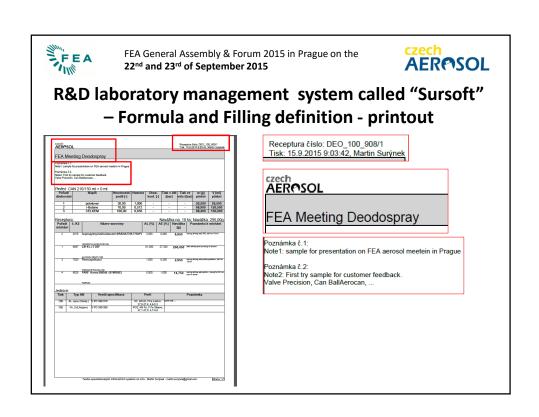


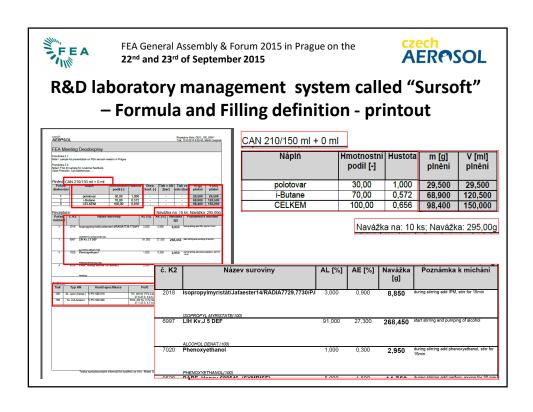


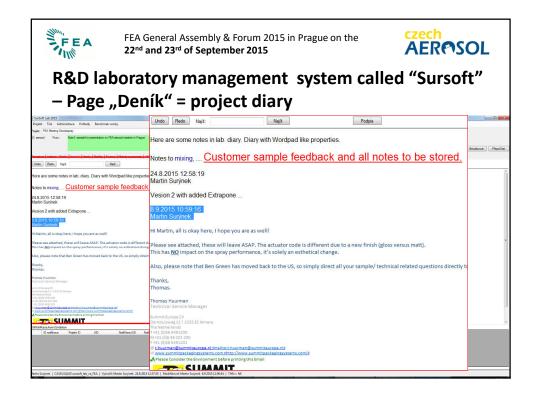


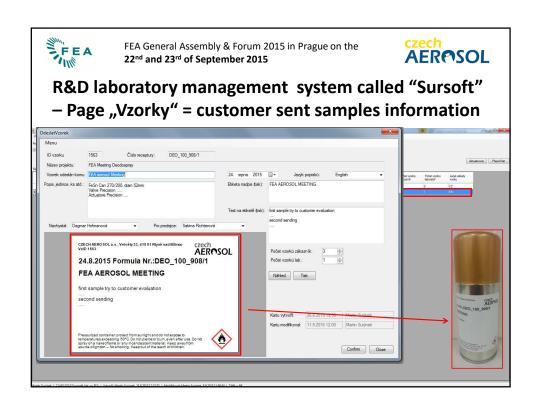


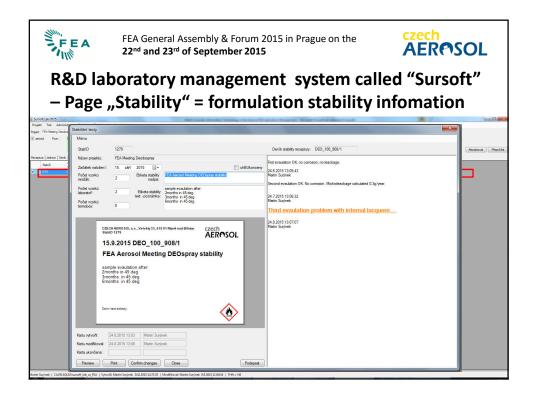


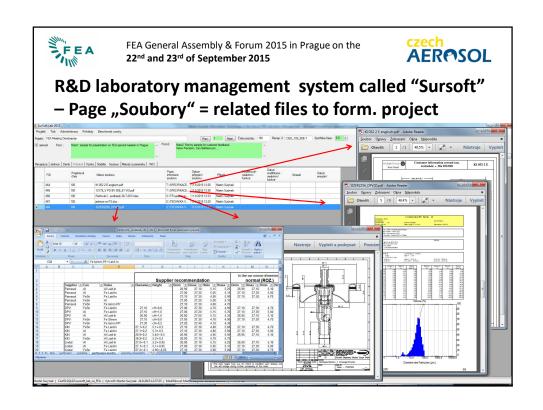


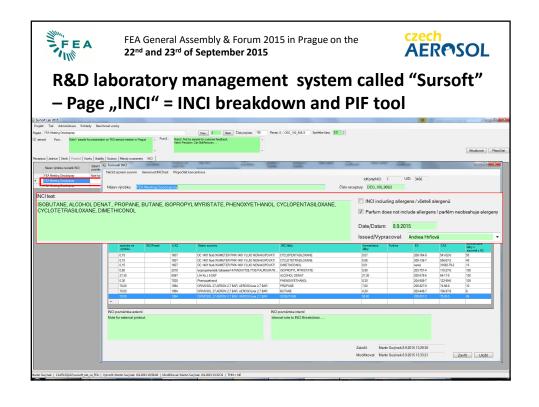














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# R&D laboratory management system called "Sursoft" – Effectivity evaluation

- > all data on one place and online accessible
- > system connected (binded) to company information system
- > one click switch between information groups (tabPages)
- > online calculations
- > automatic filling calculation for selected AE can volume with check of propellant compatibility
- > integrated laboratory diary
- > stability test results binded to formulation, overview of all running tests
- automatic samples labeling
- > uniform output to lab. technicians, brand managers, purchasing dept.
- we are able to have fast feedback with same personal capacity to growing customer demands

Thank you for your attention.