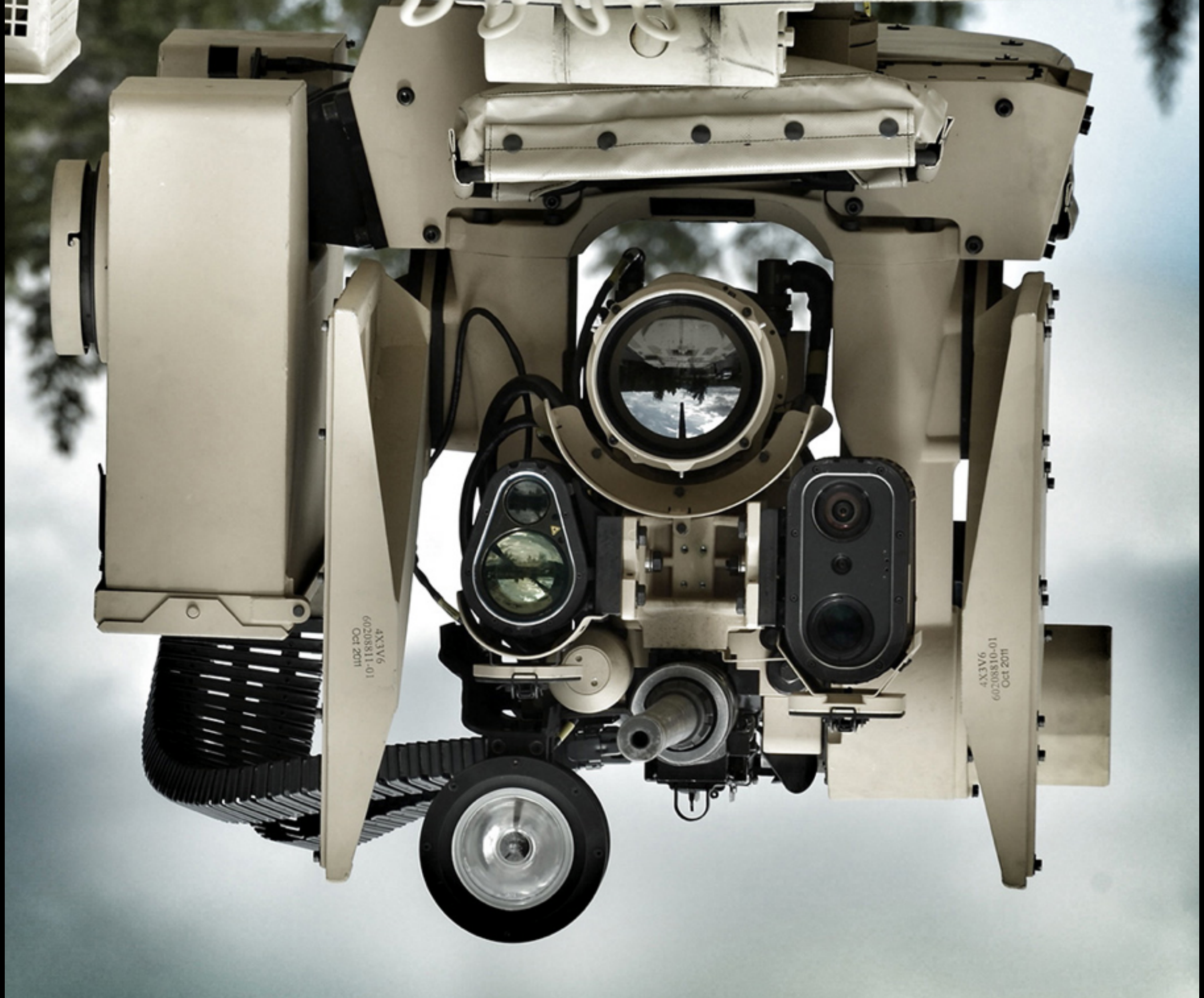
Modelling in a part of KPS

– Michael Odden

Me

Us

The product


4X3V6
60208811-01
Oct 2011
4X3V6
60208810-01
Oct 2011

Model driven development

System architecture (functional)

Interfaces (IDL)

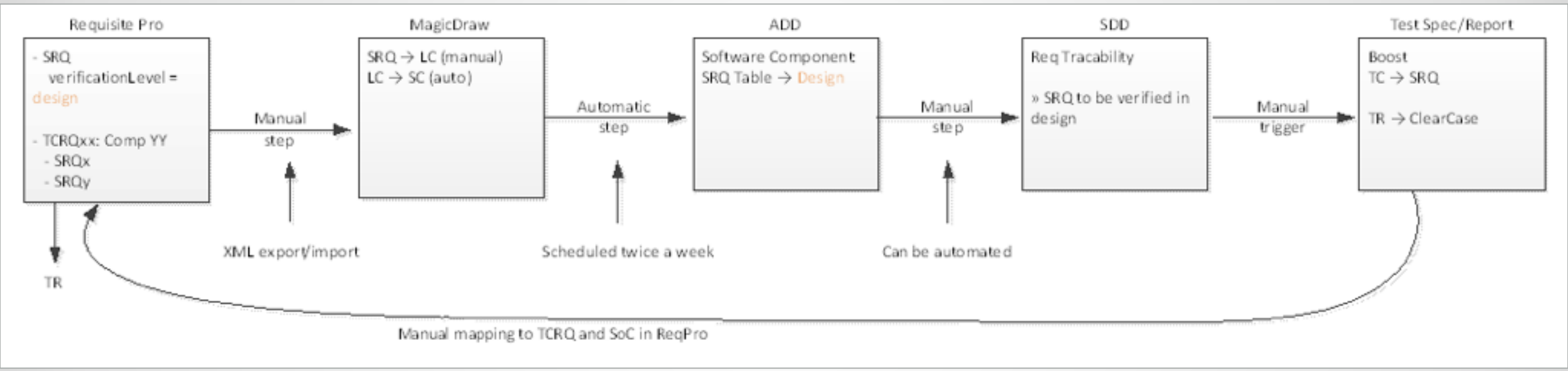
Requirement-mapping

V

Software design &

implementation

Tracing


Requisite Pro
- SRQ
verificationLevel = design
- TCRQxx: Comp YY
- SRQx
- SRQy
TR
Manual step
XML export/import
MagicDraw
SRQ → LC (manual)
LC → SC (auto)
Automatic step
Scheduled twice a week
ADD
Software Component
SRQ Table → Design
Manual step
Can be automated
SDD
Req Tracability
» SRQ to be verified in design
Manual trigger
Test Spec/Report
Boost
TC → SRQ
TR → ClearCase
Manual mapping to TCRQ and SoC in ReqPro

Tools

IBM Rational Requisite Pro
No Magic Magic Draw
SysML

Round-trip engineering?