

AUTO-ID 8TH BOARD MEETING

TECHNOLOGY BOARD

NOVEMBER 14, 2002

CHRIS CLAUSS, SUN MICROSYSTEMS INC.



MOMENTUM: WELCOME TO NEW MEMBERS

- Technology (44)

Accenture, ACNielsen, Alien Technology, Avery Dennison, **AWID**, Cash's, **Catalina Marketing Corp**, Checkpoint Systems, Inc., **ConnecTerra, Inc.**, Ember Corporation, Flexchip AG, Flint Ink, GlobeRanger, **Information Resources, Inc.**, Intel, Intermec, Invensys PLC, **KSW Microtec AG**, Markem Corp., Matrics, Morningside, NCR Corporation, **NTT**, **NTT Comware**,
Oat Systems, Philips Semiconductors, PriceWaterhouseCoopers, Rafsec, RF Saw Components, SAP, Savi Technology, **Sensitech**, Sensormatic Electronics Corp, **Siemens Dematic Corp.**, ST Micro,
Sun Microsystems, Symbol Technologies, TAGSYS, ThingMagic, **Toppan Forms**, Toray International,
Vizional Technologies, **Zebra Technologies Corporation**



THE “AHA” EXPERIENCE

- Significant progress
 - Unified approach & unified message
 - Technology/standards becoming very clear
 - Pilots are becoming more significant
 - New University Centers - Research Council
 - New organization ideas with EAN/UCC
 - Progress is accelerating, adding more value to Auto-ID
- Congratulations



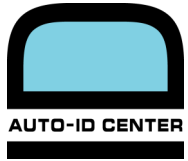
TAGS & READERS

- Great progress!!!
- Industry sponsors and Auto-ID Center have continued converging towards a few, well thought out, standards in T&R
 - UHF Class 1
 - UHF Class 0
 - HF Class 1
- U. of Adelaide has been key in making this happen.



SOFTWARE: ONS & SAVANT

- Public version released:
 - Software working well, seems well architected and robust
- Robust security needs to be added in next release
 - Encryption
 - Authentication
 - Authorization



PML SERVER

- The PML language is coming together nicely but...
- Continuing sense of « unease »

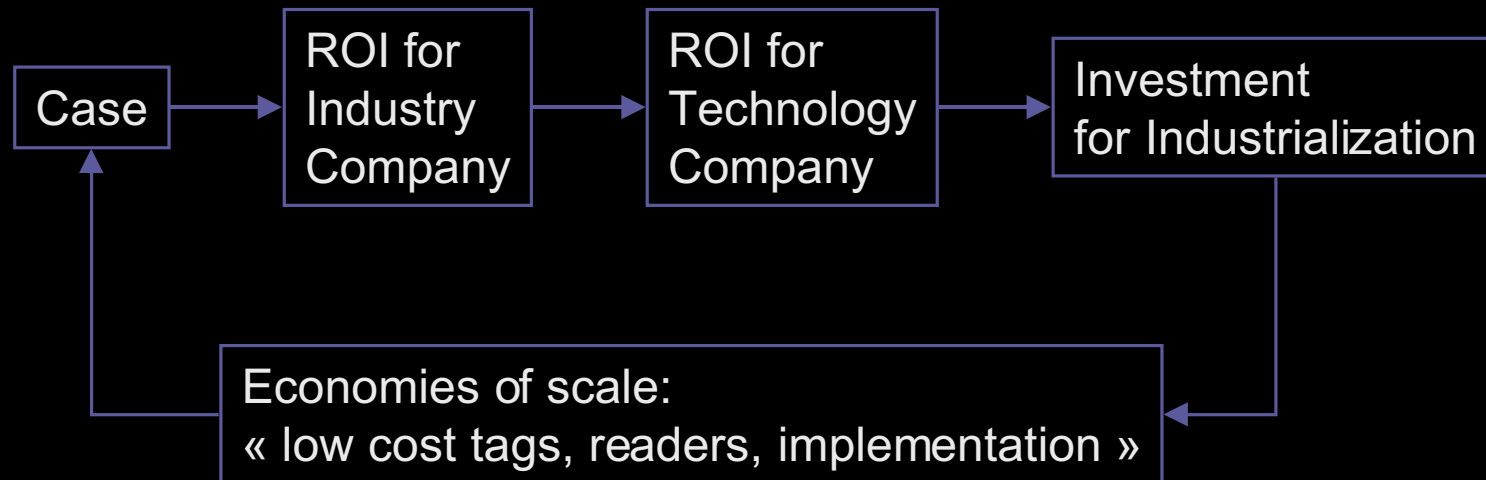
It's key, but we are still not quite sure exactly « how »

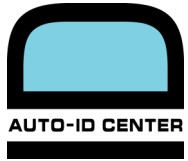
Different architectures for different purposes



BUSINESS CASE

- Critical to Technology Companies





STANDARDS...

- Standards, intellectual property, licensing are key to Technology vendors to:
 - Invest in development
 - Invest in industrialization
- Need to take additional steps to ensure adoption

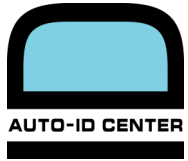
**Carefully
documented
Standards**

Certification:

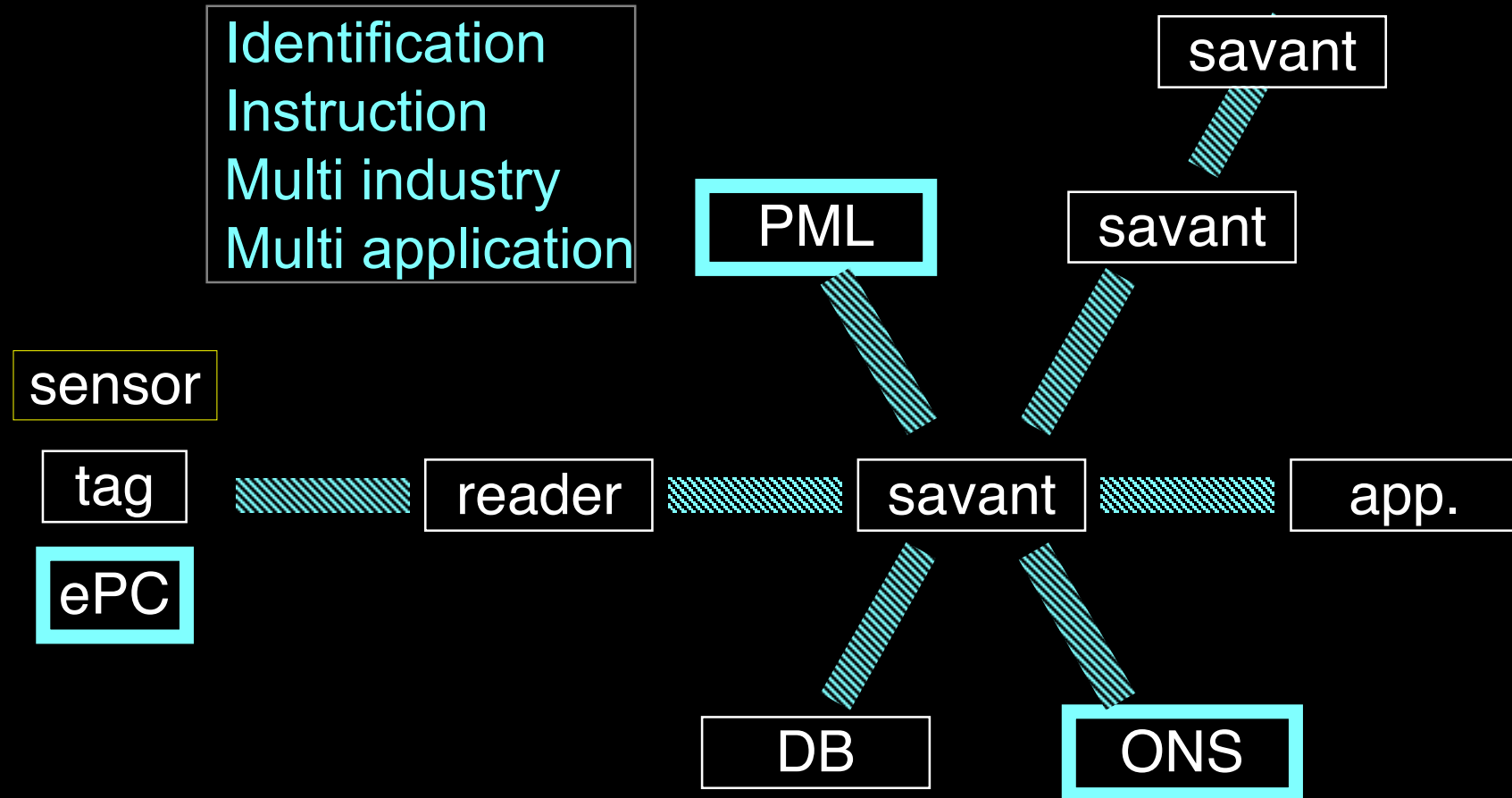
- **HW & SW**
- **Certification test**
- **Authorized certification centers**

Brand it

**« Auto-ID Ready »
« Pure Auto-ID »**



STANDARDS WILL BE KEY





IP & Co-DEVELOPMENT

- IP is difficult, but important
- Vendors want to ensure Open Standards
- Exciting progress towards a final process that will allow Vendor organisations to co-develop with Auto-ID Centers



CONCLUSION

- A lot has been achieved by the Auto-ID Center, a lot is still ahead of us
- Continue the move from development to adoption
 - Scaling
 - Integration
 - Security
- Your continued work, collaboration and feedback is essential in making Auto-ID successful



Thank You

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