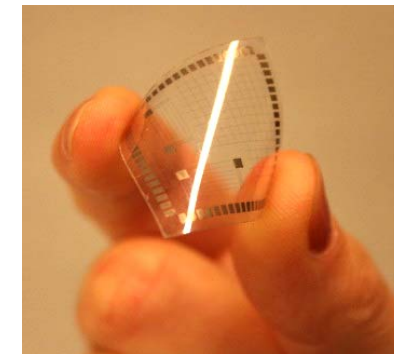


XAAR Participation in 'LIGHT ROLLS'

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- **HQ/R&D centre – Cambridge, UK**
- **High-tech manufacturing sites:**
 - **Järfälla, Sweden**
 - **Huntingdon, UK**
- **Customer support and service centres:**
 - **Shanghai, China**
 - **New Delhi, India**
 - **Cambridge, UK**
 - **Marietta, Georgia, USA**
 - **Sao Paulo, Brazil**
- **Japanese licensee support centre**



Cambridge HQ



Swedish manufacturing plant



Huntingdon manufacturing plant

Piezo-electric actuation



the fluid plays a PASSIVE role during drop ejection (not active as in bubble/thermal jet)



wide choice of fluids:

- oil / solvent / some water-based / uv-curable fluids
- solutions and suspensions (specifically for Xaar1001)



'Digital Fabrication'

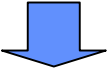


New Inkjet Applications



Inkjet Printing of Functional Fluids

Passivated printheads



Widens the range of jettable fluids



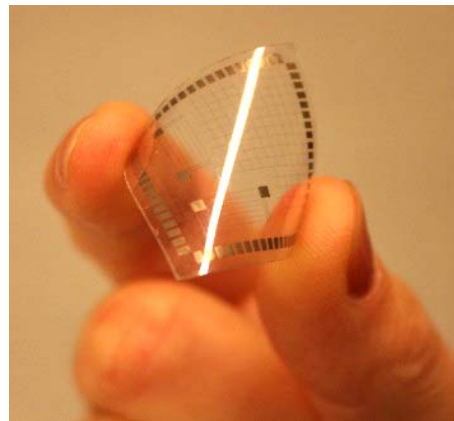
Inkjet Printing with wide range of applications

Light-Rolls

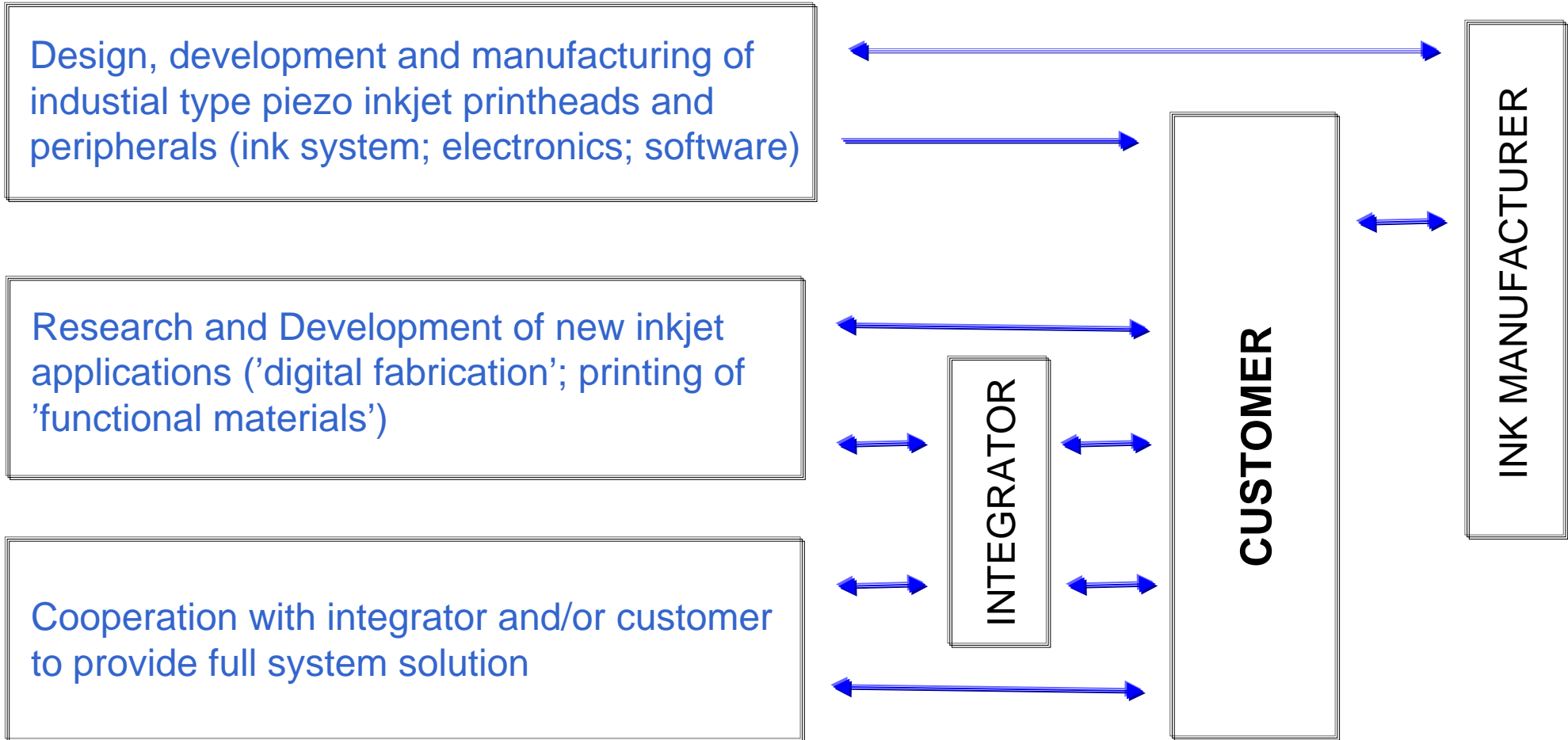


From printing of 'simple' graphics onto various substrates ...

to printing of 'funtional fluids' in display manufacturing, ...



or manufacturing of data storage devices / memory arrays... etc ect



Inkjet printing of metal inks

Printing of electrical contact pattern
onto substrates with/without topography

Post-processing of printed pattern to
provide electrical conductivity

Cooperating in process development to
produce thick metal lines for high current
applications

