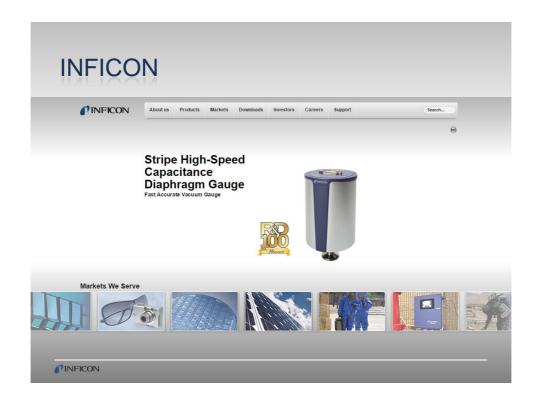


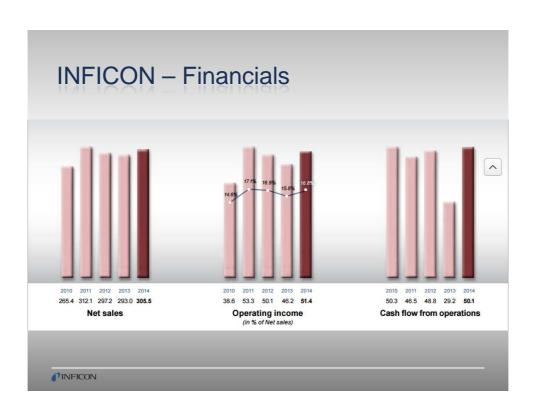
14:15 Vakuum-Sensoren für effiziente Prozesse in Produktionsanlagen – intelligente Systeme als Beispiel für skalierende Effekte Christian Berg, Senior Director of Global Programs, Inficon, Balzers (FL)

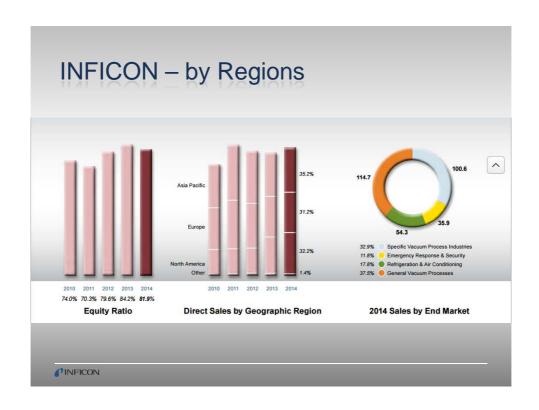




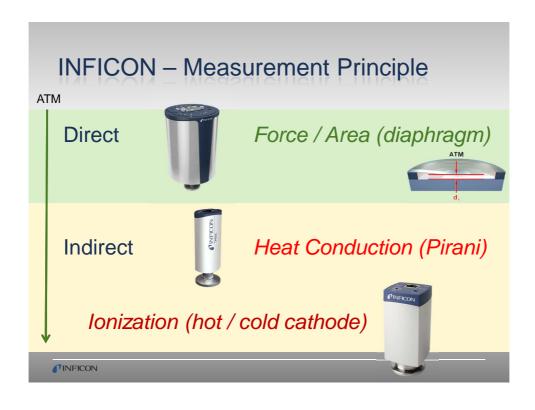


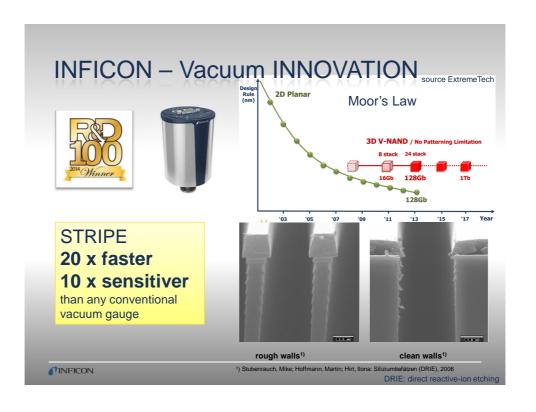


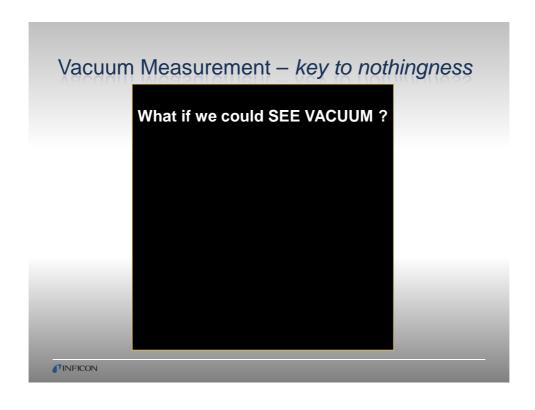




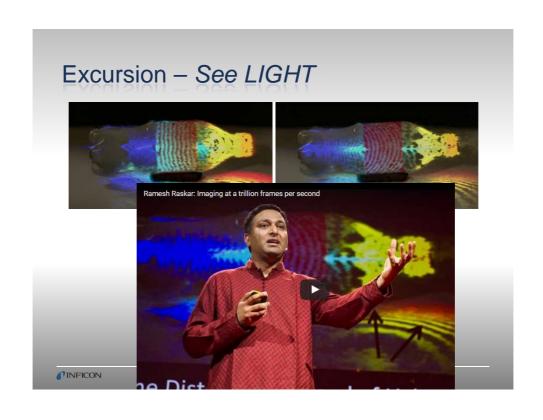




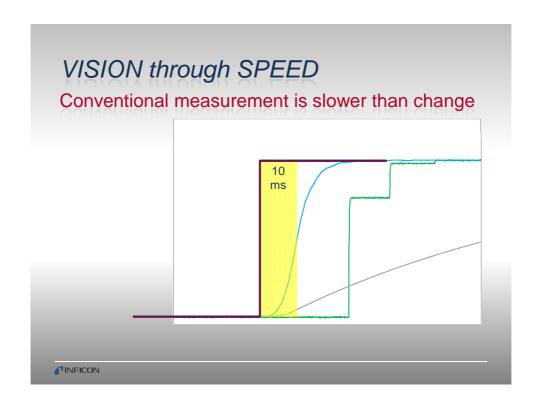


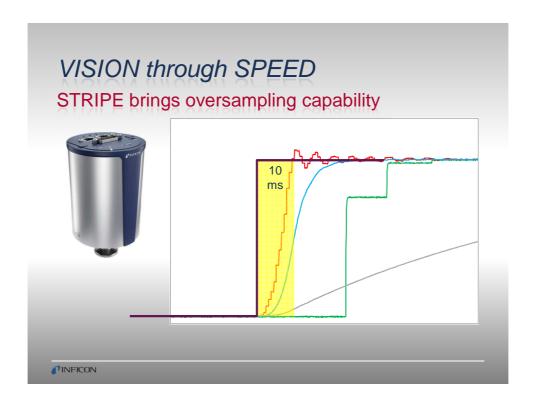


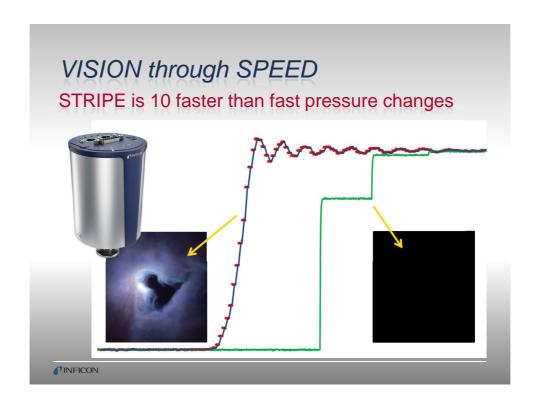


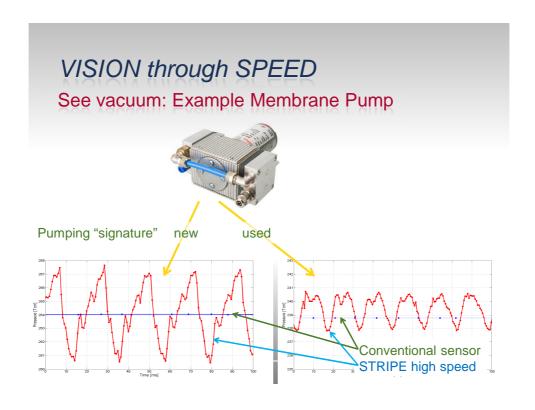






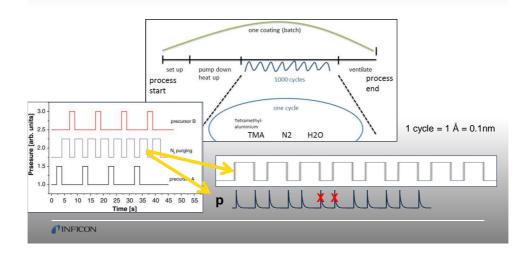


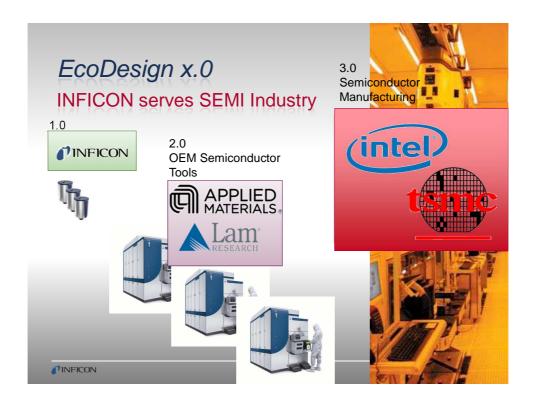




VISION through SPEED

See vacuum: Example ALD (atomic layer deposition)





EcoDesign 3.0 SEMI – one of the world's most mature industries Statistics WW ca. 185 Semiconductor fabs 70x 200mm à 1 bUSD (Freescale) 65x 300mm à 5 bUSD (Intel) Annual 40-45 bUSD investment in SEMI equipment (source WW Chip Equipment Bookings) 100-200 MUSD/day burn rate 300mm (CapEx only, no operational costs)

