Karl Schneebauer  
Board of MESA International  

Reduce your MACHINE CONNECTIONS Cost & Infrastructure COST in MES project
MESA Organization

- MESA International Board
  - Committees

- Adjunct Board for EMEA
  - Committees/teams for various regions

- Expansion Committees
  - Europe, Middle East and Africa (EMEA)
  - Asia-Pacific
  - America's

- MESA Head Quarters
  - Execution by KCA
    107 S Southgate Dr.
    Chandler, AZ 85226-3222
  - DeAnn, Katie, Brandy and others
• **Strategic Initiatives Working Groups:** These new Working Groups focus on developing and sharing how plant-wide information systems support and enable five key strategic corporate initiatives:

- Lean Manufacturing
- Quality and Regulatory Compliance
- Product Lifecycle Management
- Real-Time Enterprise
- Asset Performance Management

Chair: John Dyck (Rockwell)
Example Shopfloor: Repair Department in Steelmaker

- 200 machines / 45 MES Terminal-PCs
- 6 cranes for INTRA Logistics
• Ratio of Machines to Terminal-PCs 1:5 at average!
Cost of Energy Management:

• Starting from 50 Euro per machine:
Machine Connection essential:
data aggregation (from events to time spans)

- ERP wants an aggregated value of the actual setup time
- ERP wants aggregated time spans of standstill(s)
- UPTIME is also a complex booking procedure of multiple time events!
- ERP unknown Idle times per resource (real capacity)
Thank you