

Beyond Automation — Digitizing Manufacturing

W. David Stephenson
Stephenson Strategies

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Precision

Unprecedented precision & waste elimination

Why? Everyone who needs real-time information to do their jobs more efficiently and/or to make better decisions can *share* the information instantly.

M2M lets machinery self-regulate continuously by same shared data

Siemens's Amberg Digital Factory of Future

Embodies Industry 4.0

Concept: products communi-
cate with machines. All
processes optimized &
controlled via IT. Simatic
units control manufacturing
of Siemens products.

Machines & computers
responsible for 75% of value
chain. Humans, the rest.

Humans only touch product
when basic printed circuit
board put on assembly line.



Results

With same space & slightly
larger workforce, increased
production volume 8x in 20

Outstanding quality rate:
99.88%, especially since it
takes 1,000+ versions of
automatic PLCs

