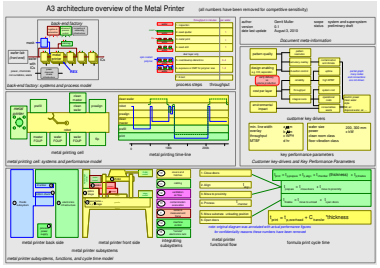
LEAN and A3 Approach to Supporting Processes

by *Gerrit Muller* Buskerud University College
e-mail: gerrit.muller@embeddedsystems.nl
www.gaudisite.nl

Abstract

LEAN product development is in the process and means area pragmatic. Low tech tools, such as paper, pen and magnets, with very direct interaction are used. For communication the use of single A3-size documents is promoted, because this is a manageable amount of information.



July 20, 2011
status: draft
version: 0.1

Characteristics of LEAN

A holistic, systems approach to product development
including people, processes, and technology .

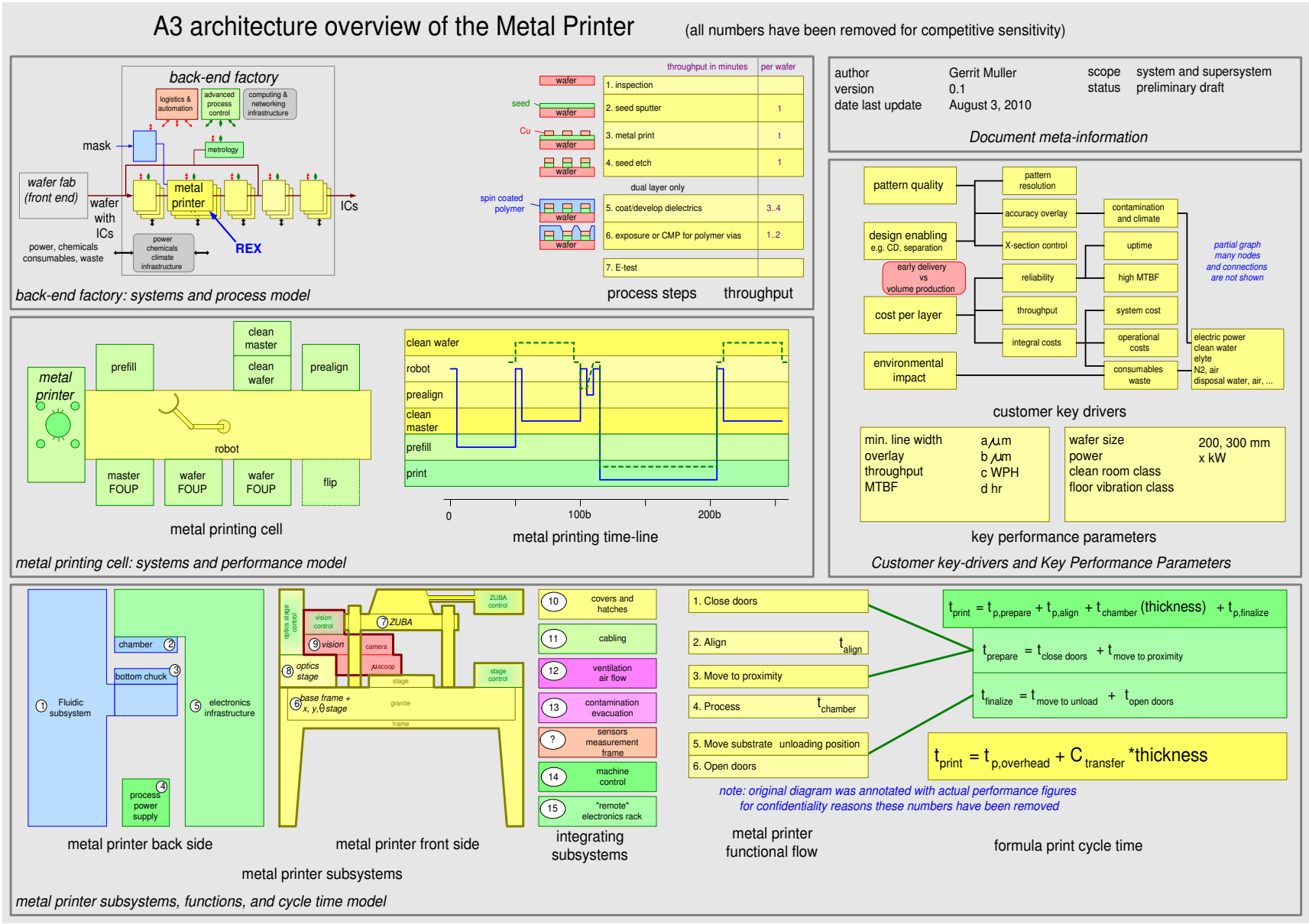
Multi-disciplinary from the early start, with a drive to be fact based.

Customer understanding as the the starting point.

Continuous improvement and learning as cultural value .

Small distance between engineers and real systems, including manufacturing, sales and service and the system of interest.

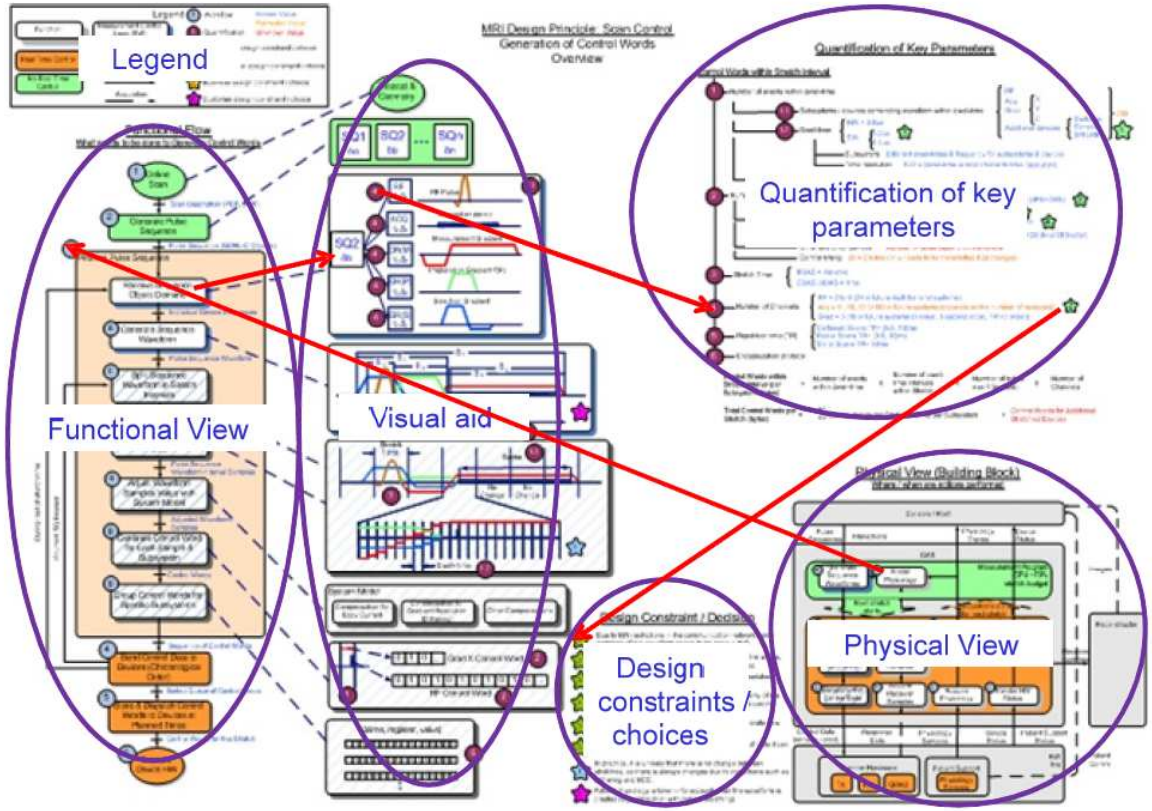
Example of A3 Architecture Overview



multiple related views

quantifications

one topic
per A3



source: PhD thesis Daniel Borches http://doc.utwente.nl/75284/

capture
"hot" topics

digestable
(size limitation)

practical

close to stakeholder experience