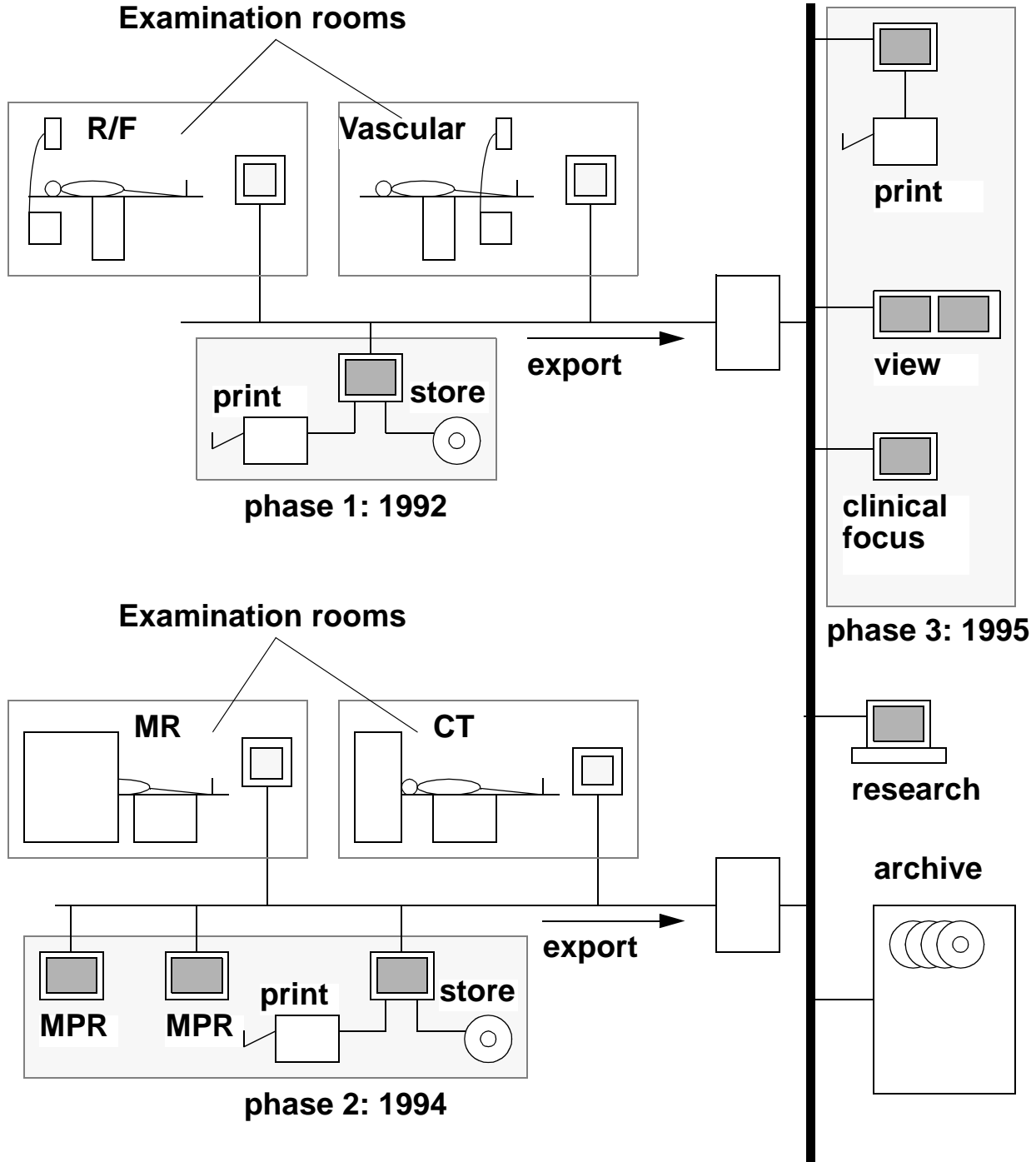
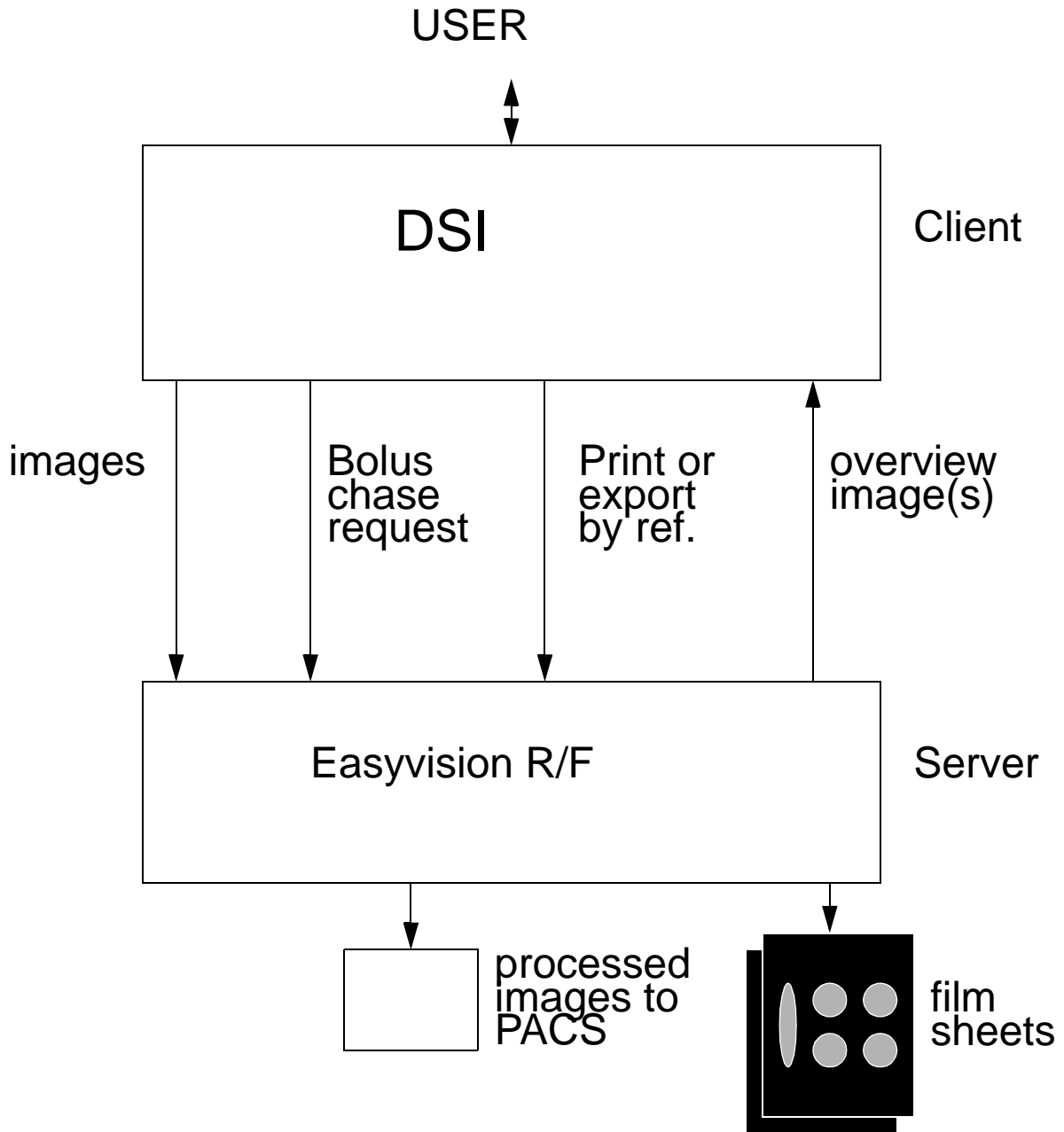


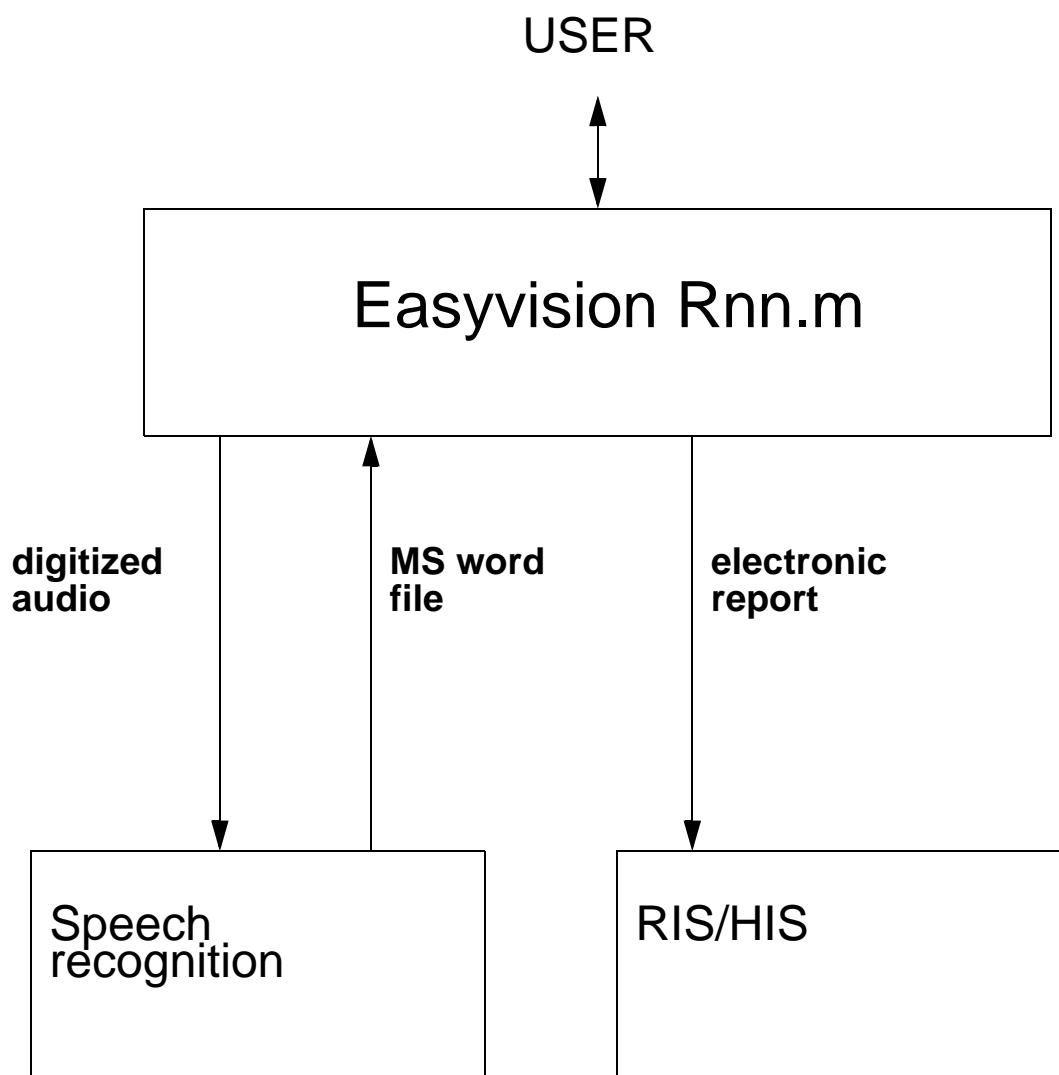
EasyVision family of products



Distributed applications



Distributed applications



Process structure

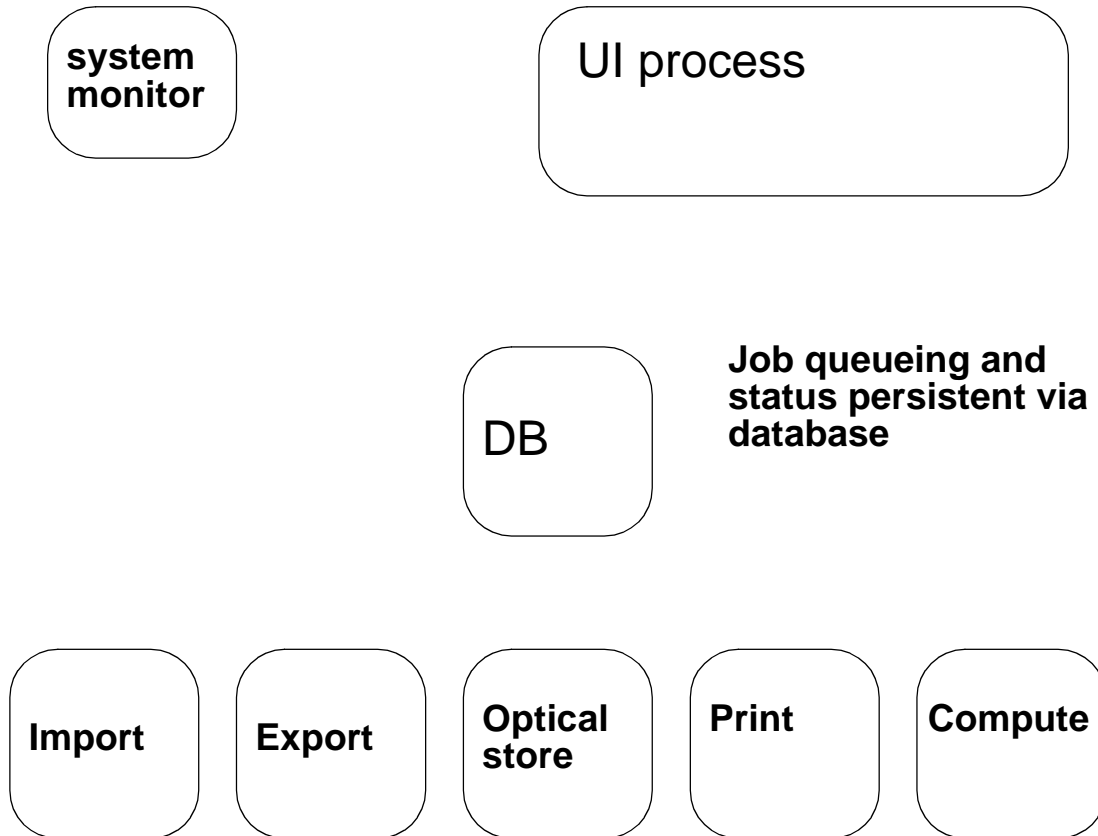
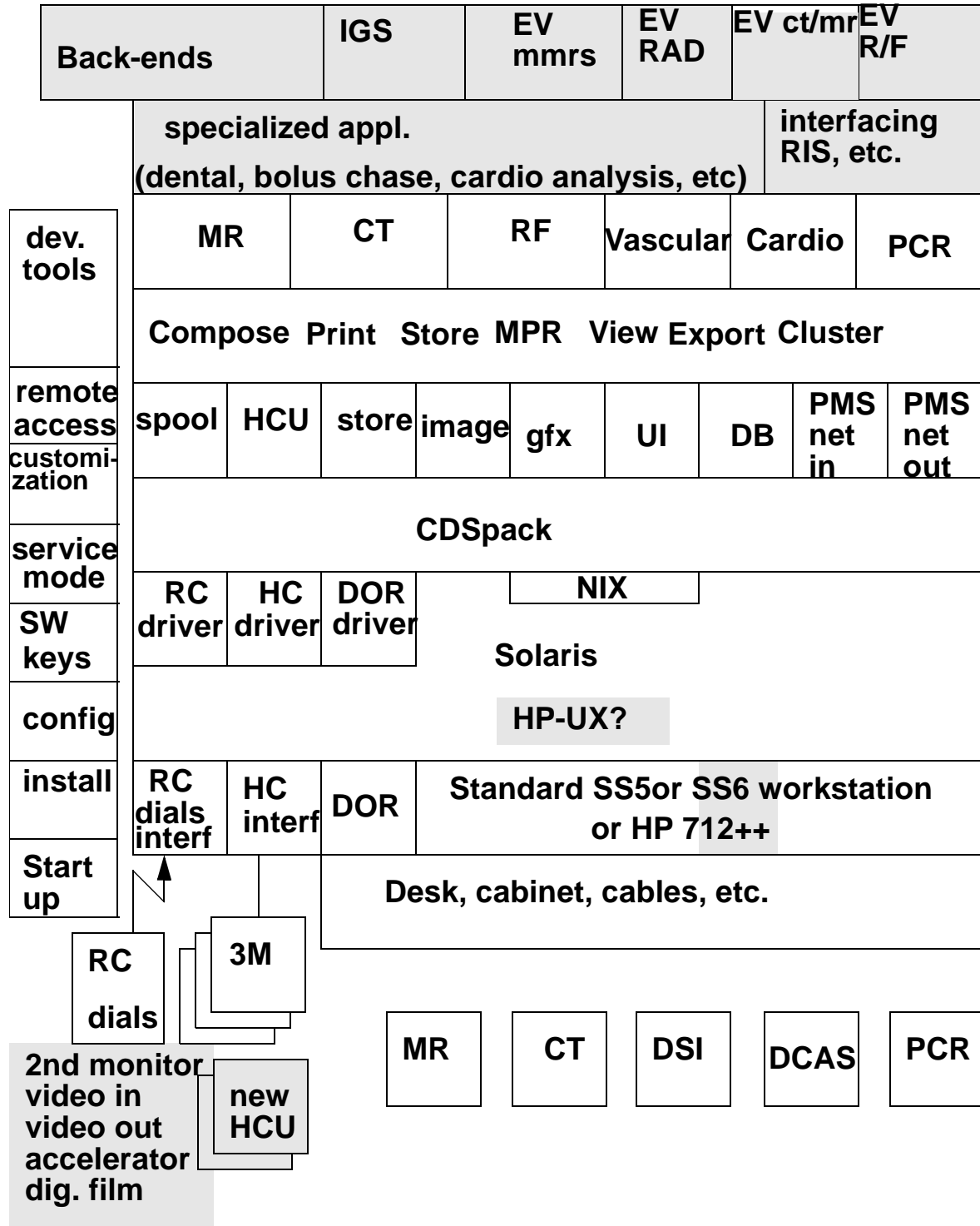


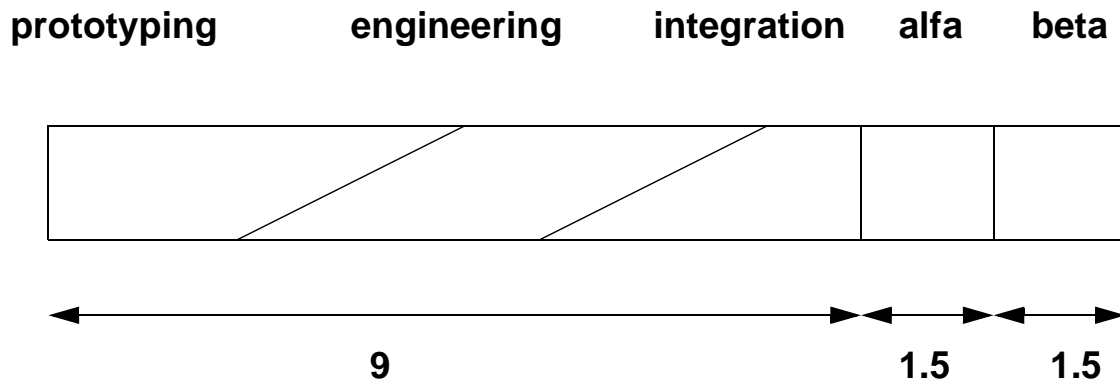
Table 1: Efficiency through re-use

	1992	1993	1994	1995	1996
number of products and applications					
products	1	3	5	9	13
inputs, a.o. modalities	1	5	10	15	
applications	1	4	8	16	32
people					
infrastructure			20+15	21+16	22+16
application			27	35	41
total		52	62	72	79
efficiency					
people per product		17	12	8	6

1995/1996



Project lifecycle



Prototyping

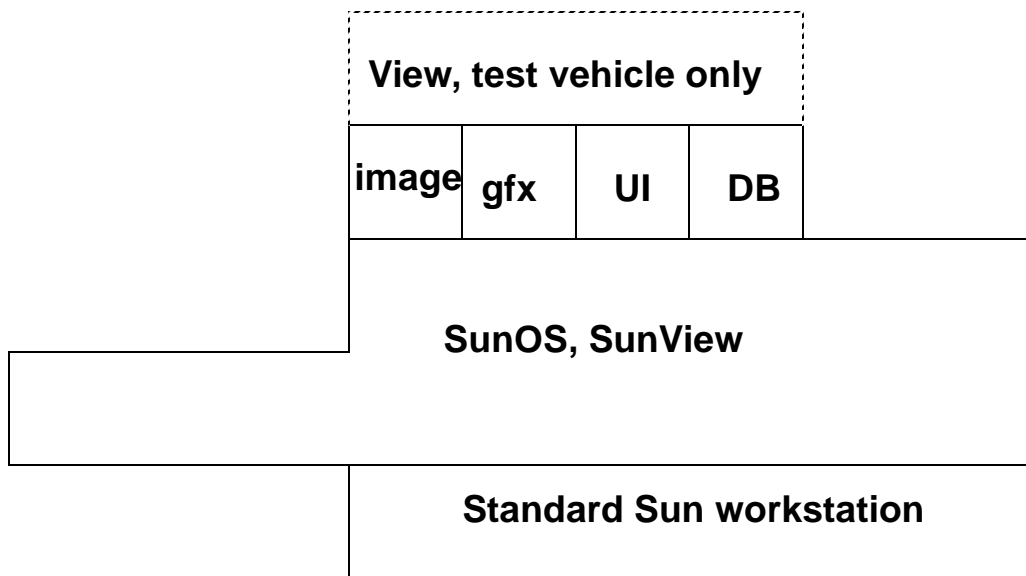
Results:

- Specification 70%
- Design 70%

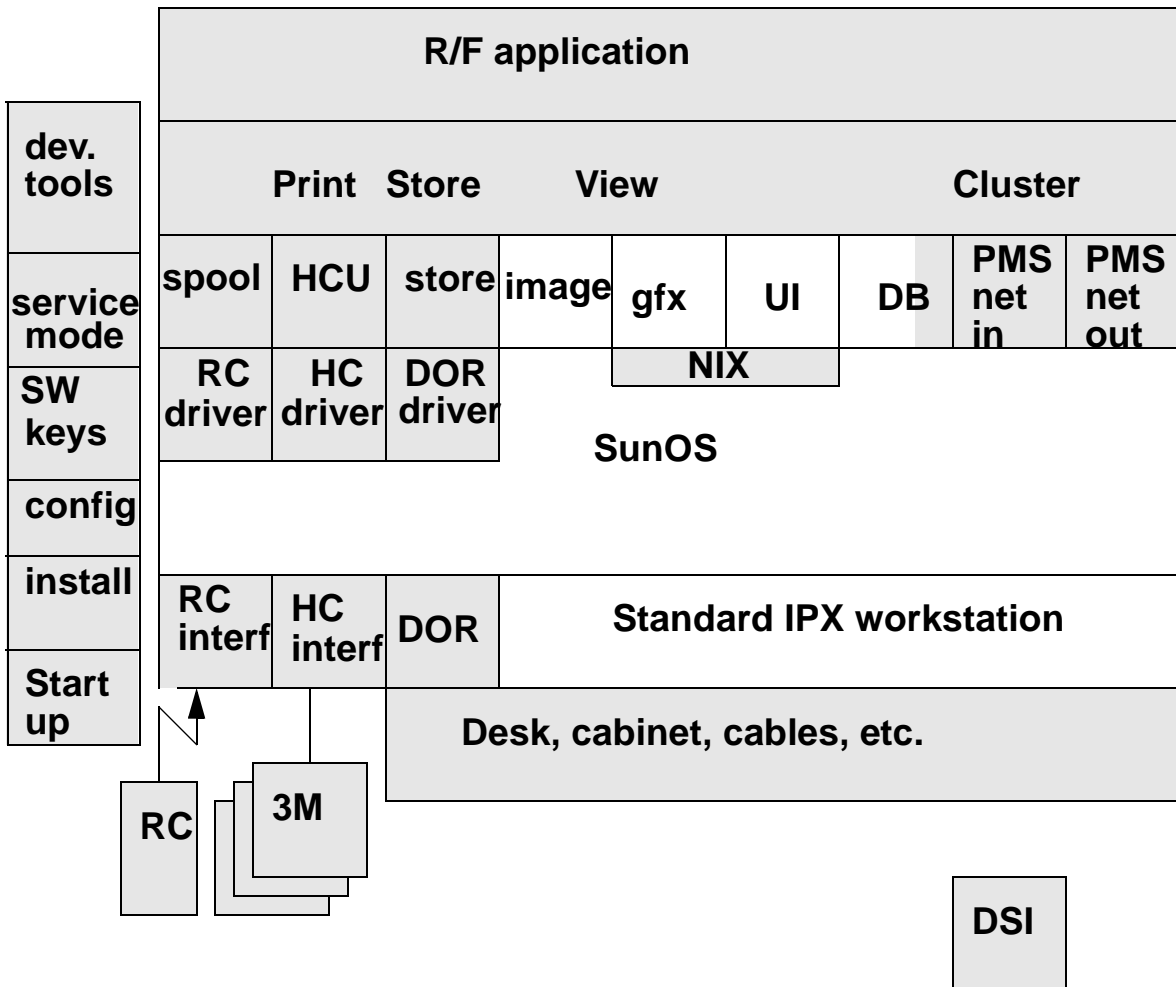
Risks:

- Continued prototyping
- Underestimated engineering effort

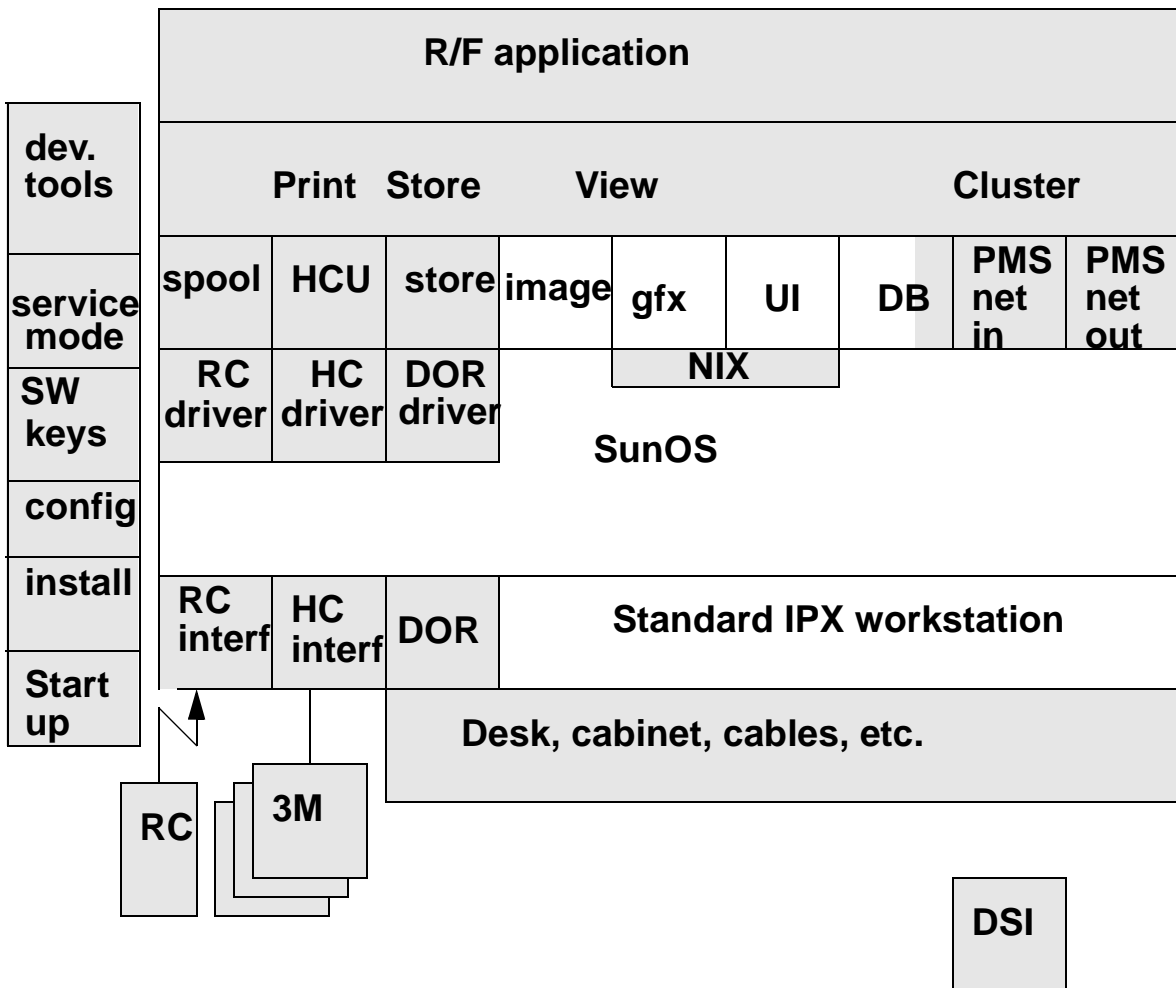
september 1991



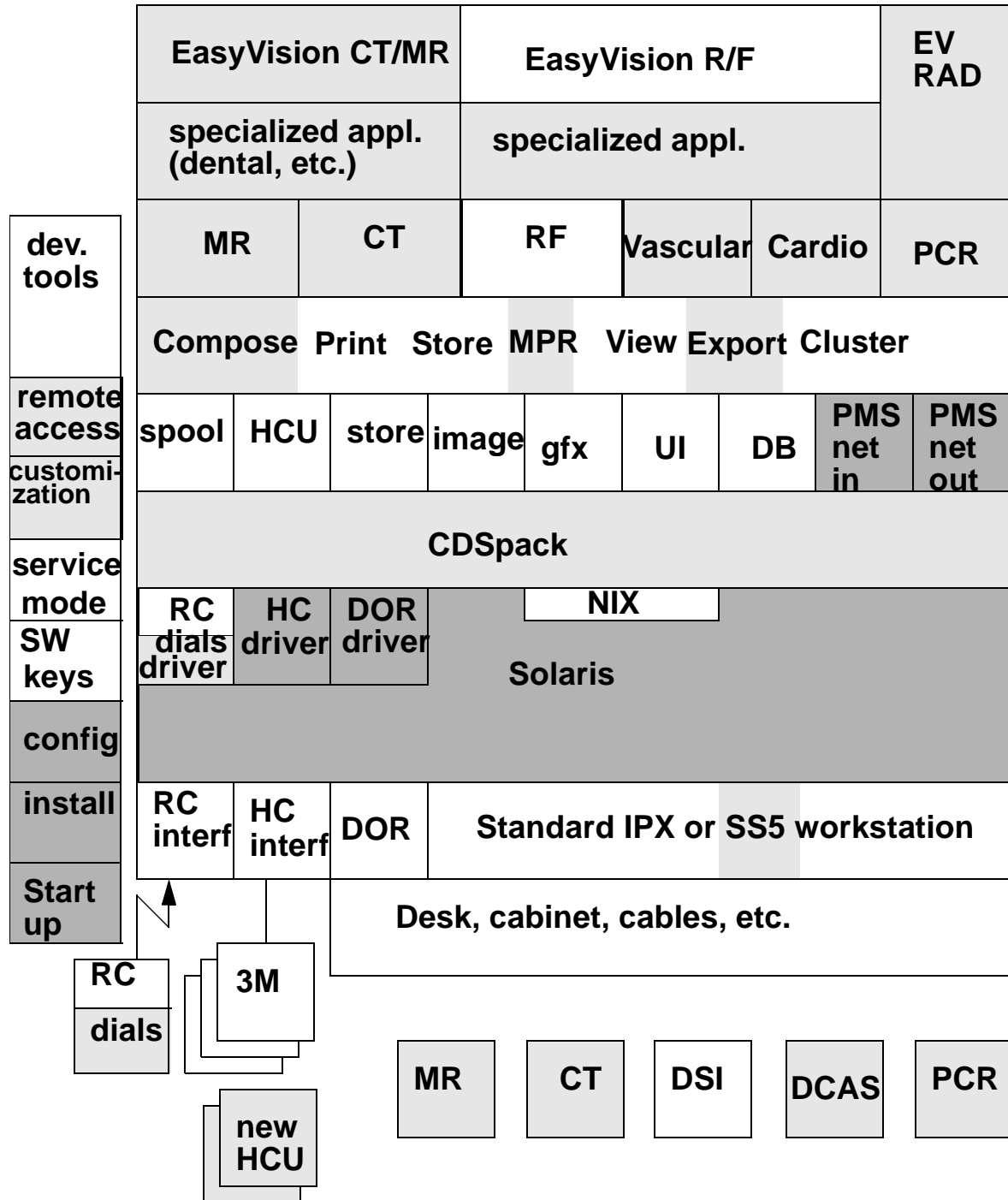
september 1992



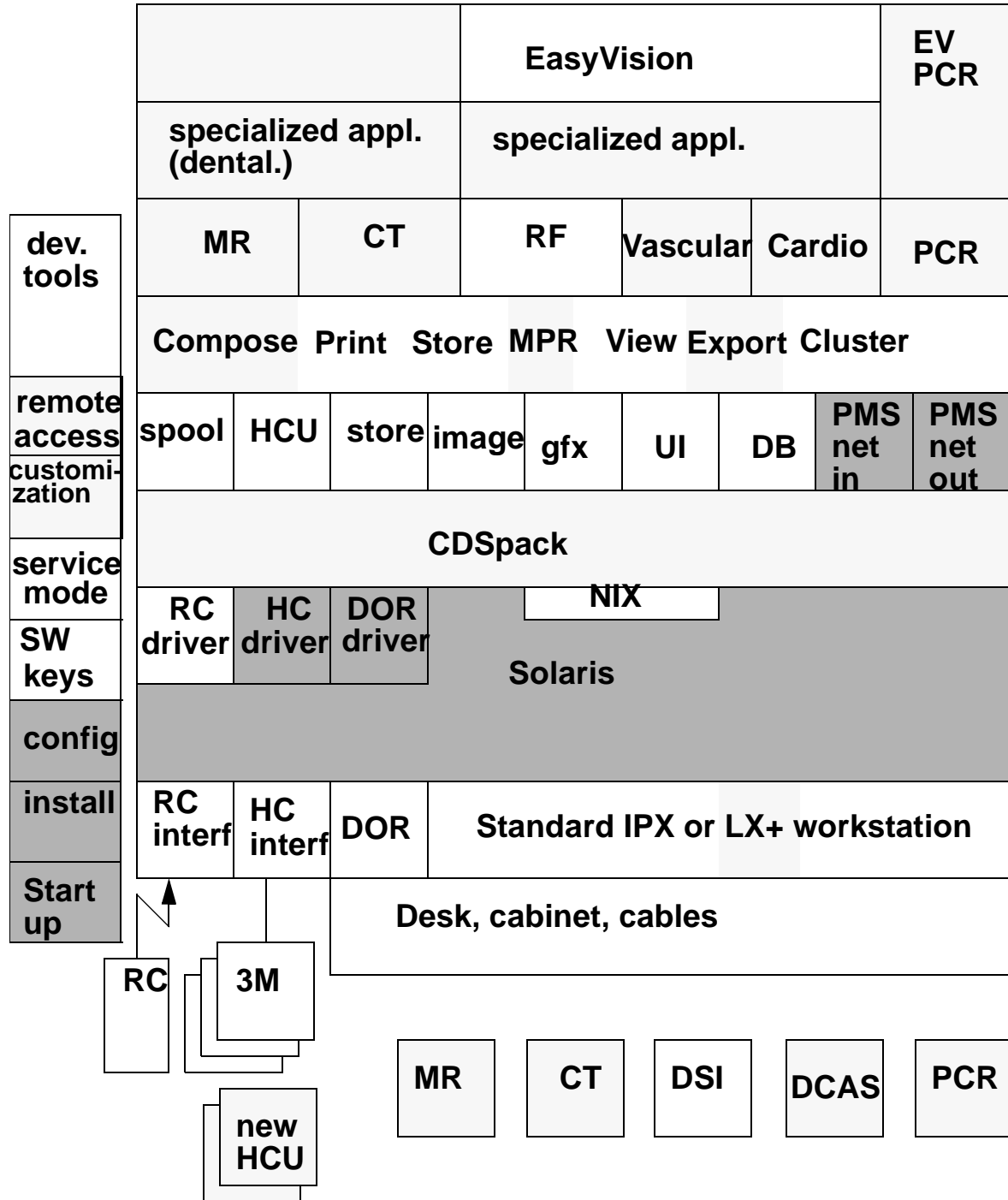
september 1992



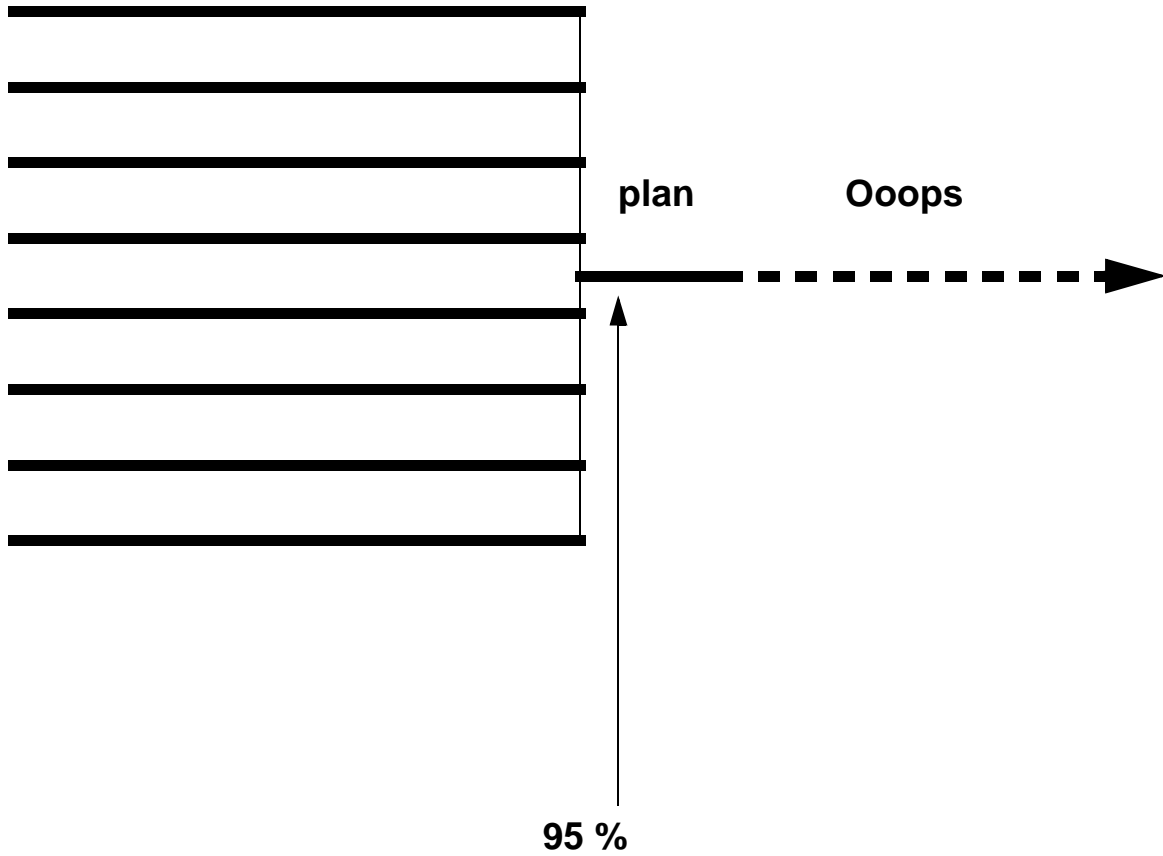
june 1994



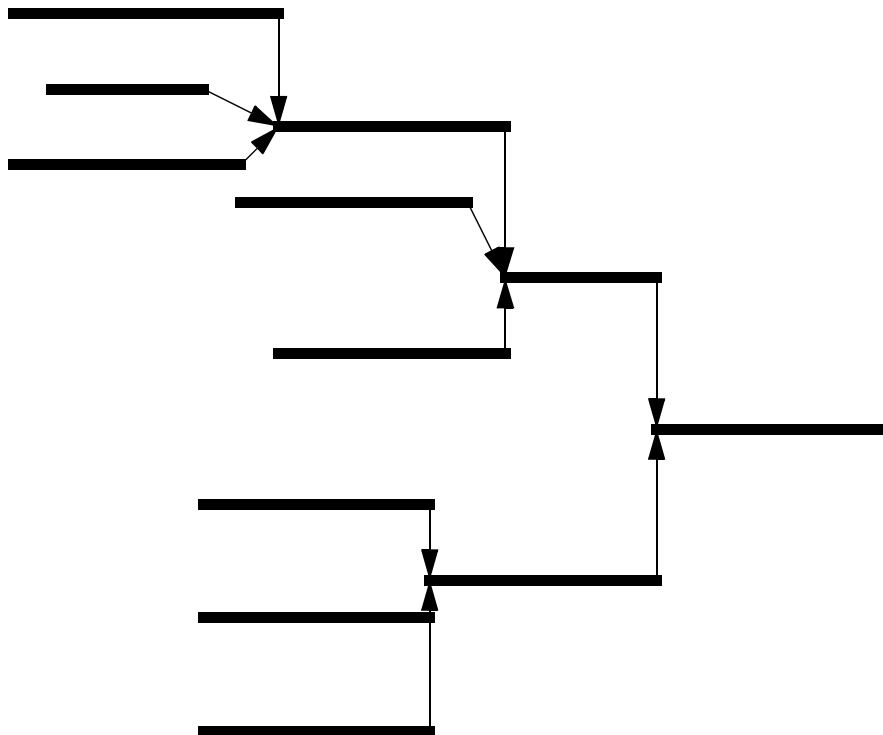
june 1994



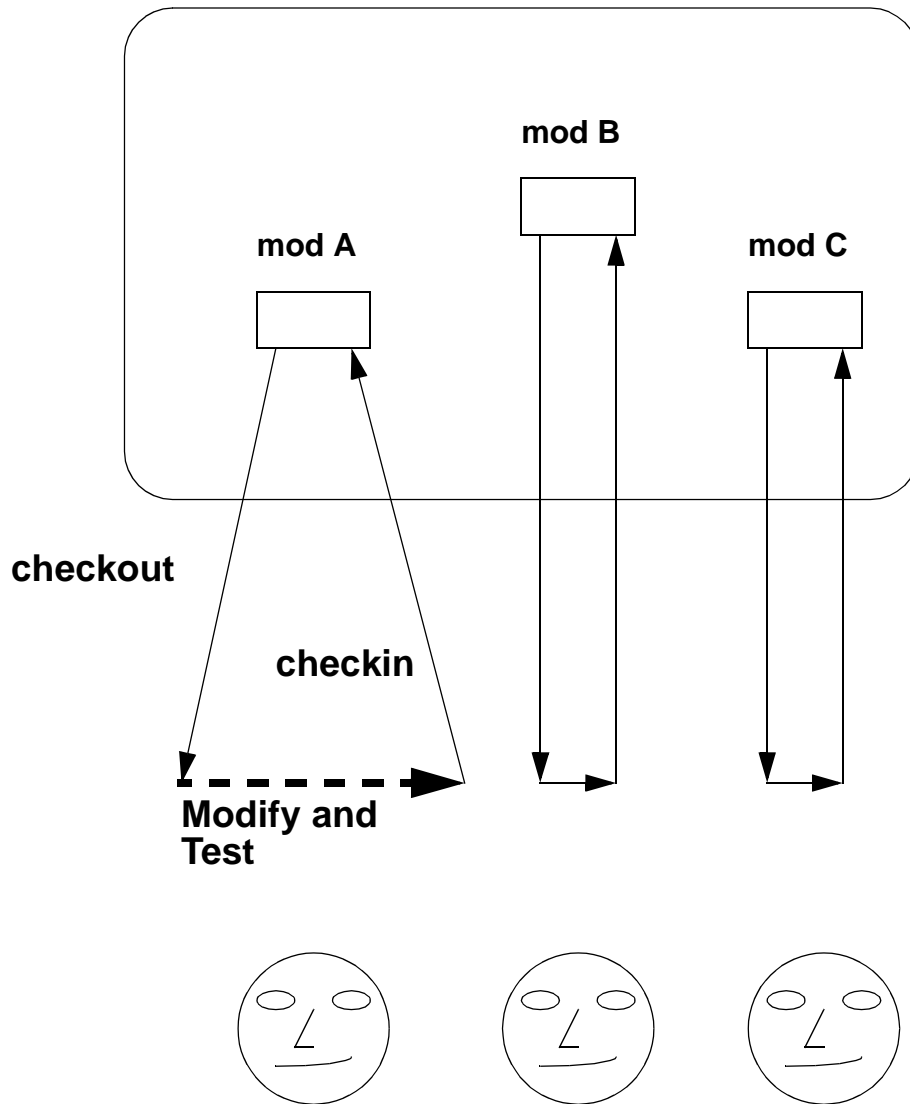
95% ready syndrome



Integration



SW archive

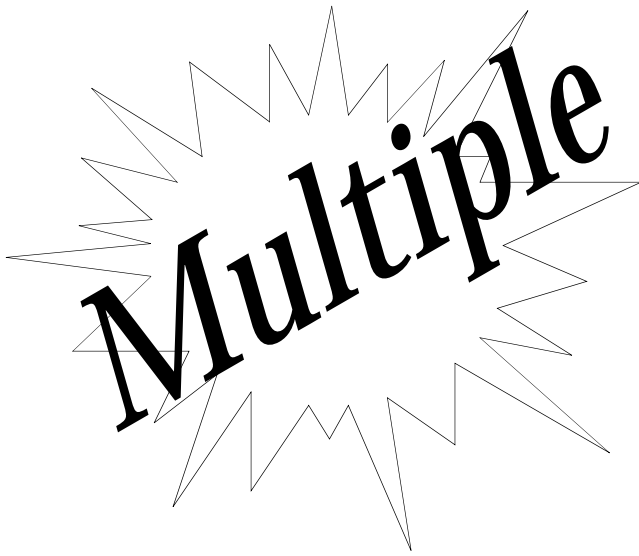


Consolidation every night

- compile all affected sources
- build all libraries
- build all executables
- [run regression tests]
- run analysis tools, [metrics]
- if OK then Consolidate
else Repair required!

What is the problem we try to solve?

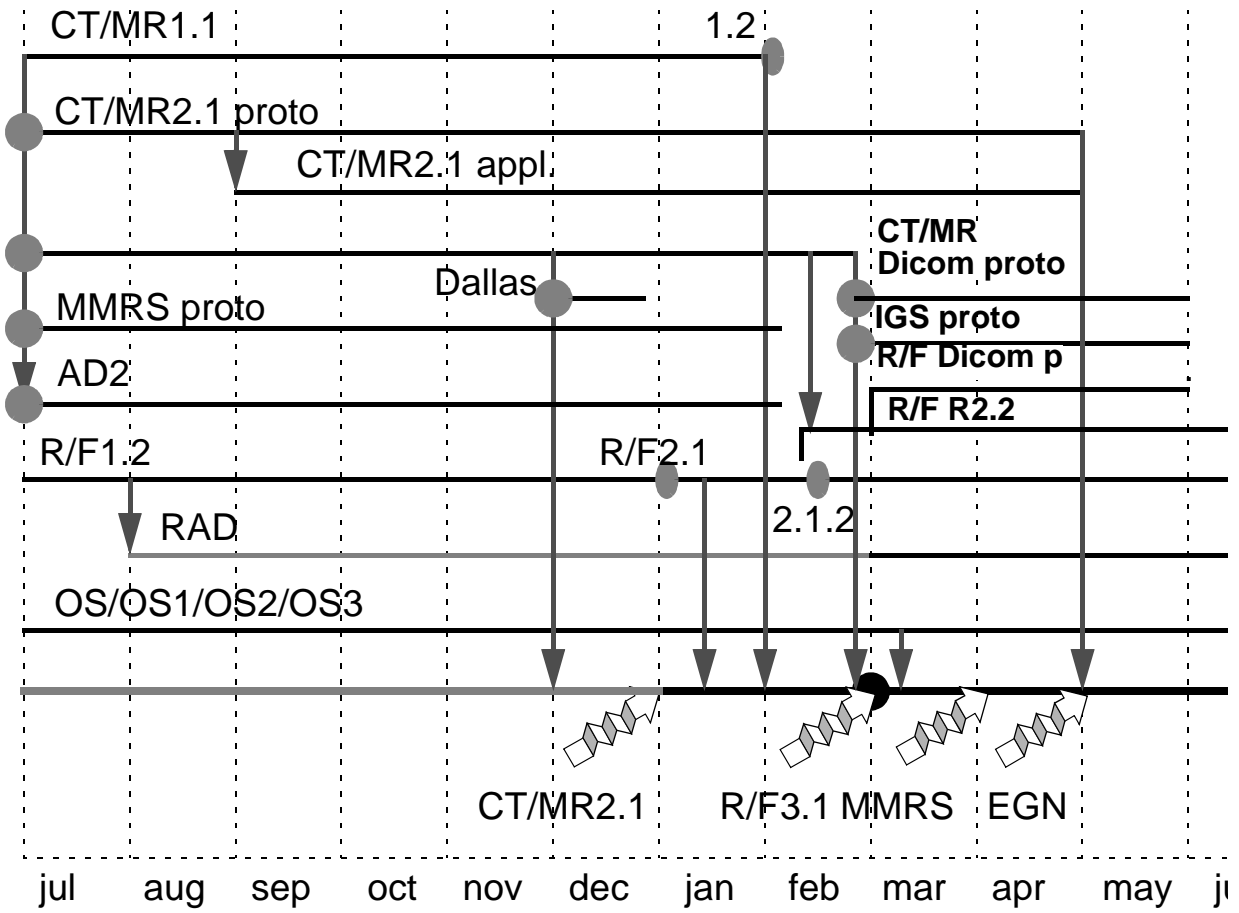
Efficient and cost-effective handling of



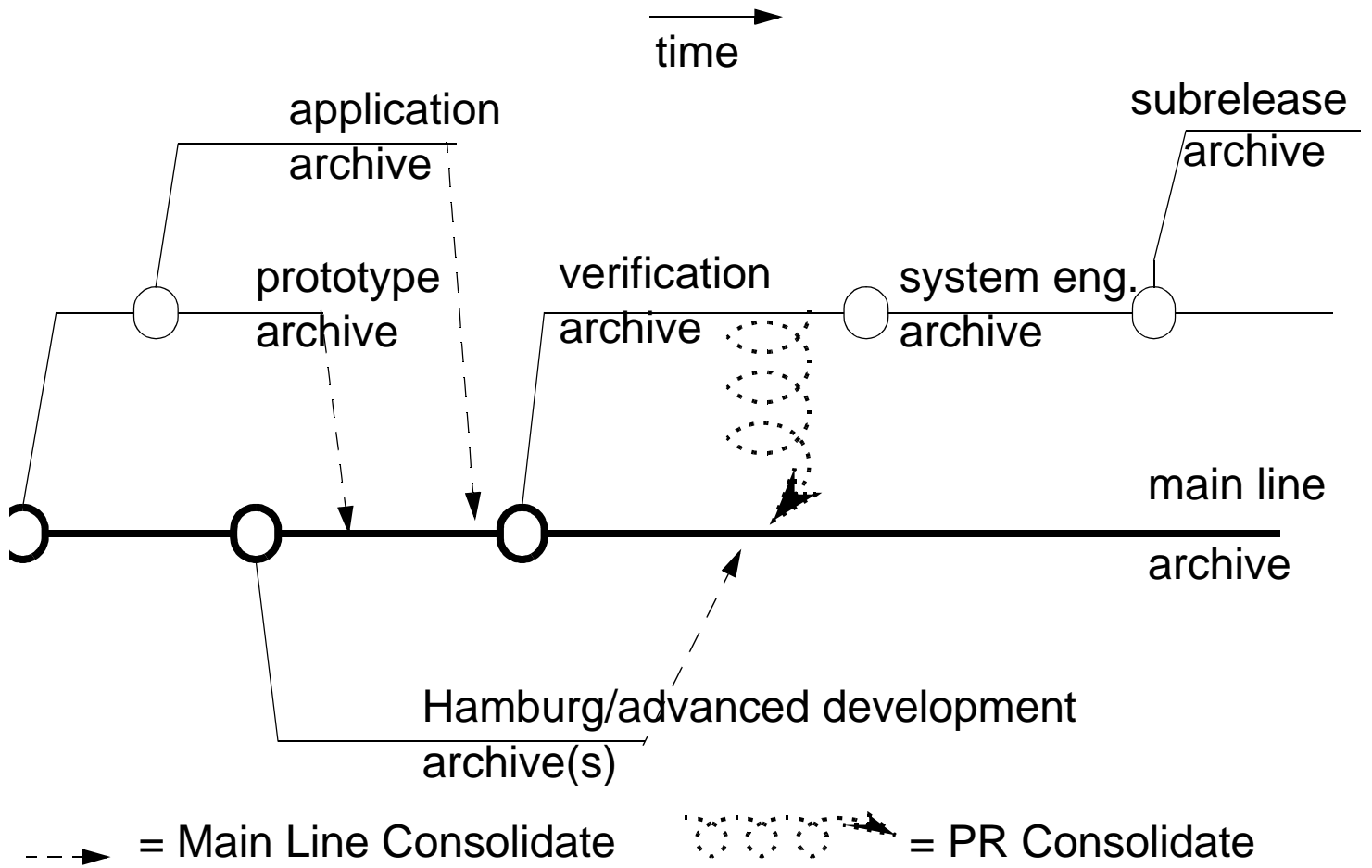
- products**
- concurrent projects**
- clinical applications**
- modalities**
- archives**
- product configurations**
- people**
- locations**
- platforms**
- operating systems**
- vendor connections**
- applications connections**

Motivation for a main line archive

How to manage this situation?



The various sorts of archives



The various sorts of archives

