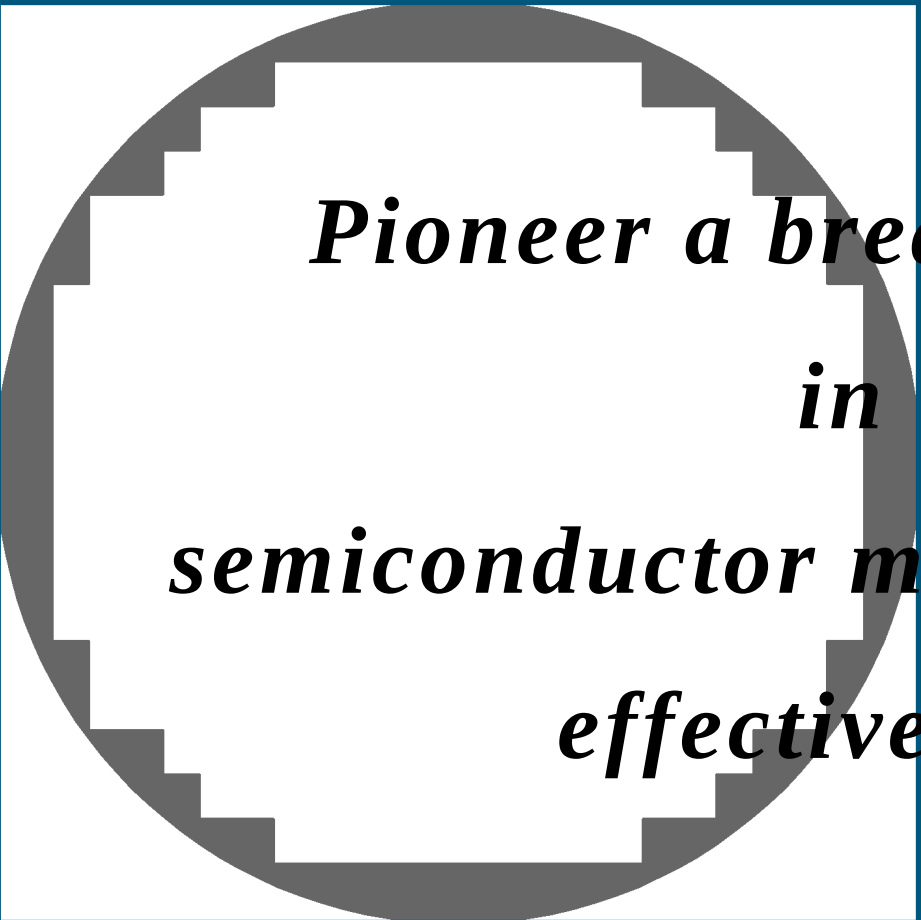




V I S I O N

SEMICONDUCTOR**300**



*Pioneer a breakthrough
in
semiconductor manufacturing
effectiveness*

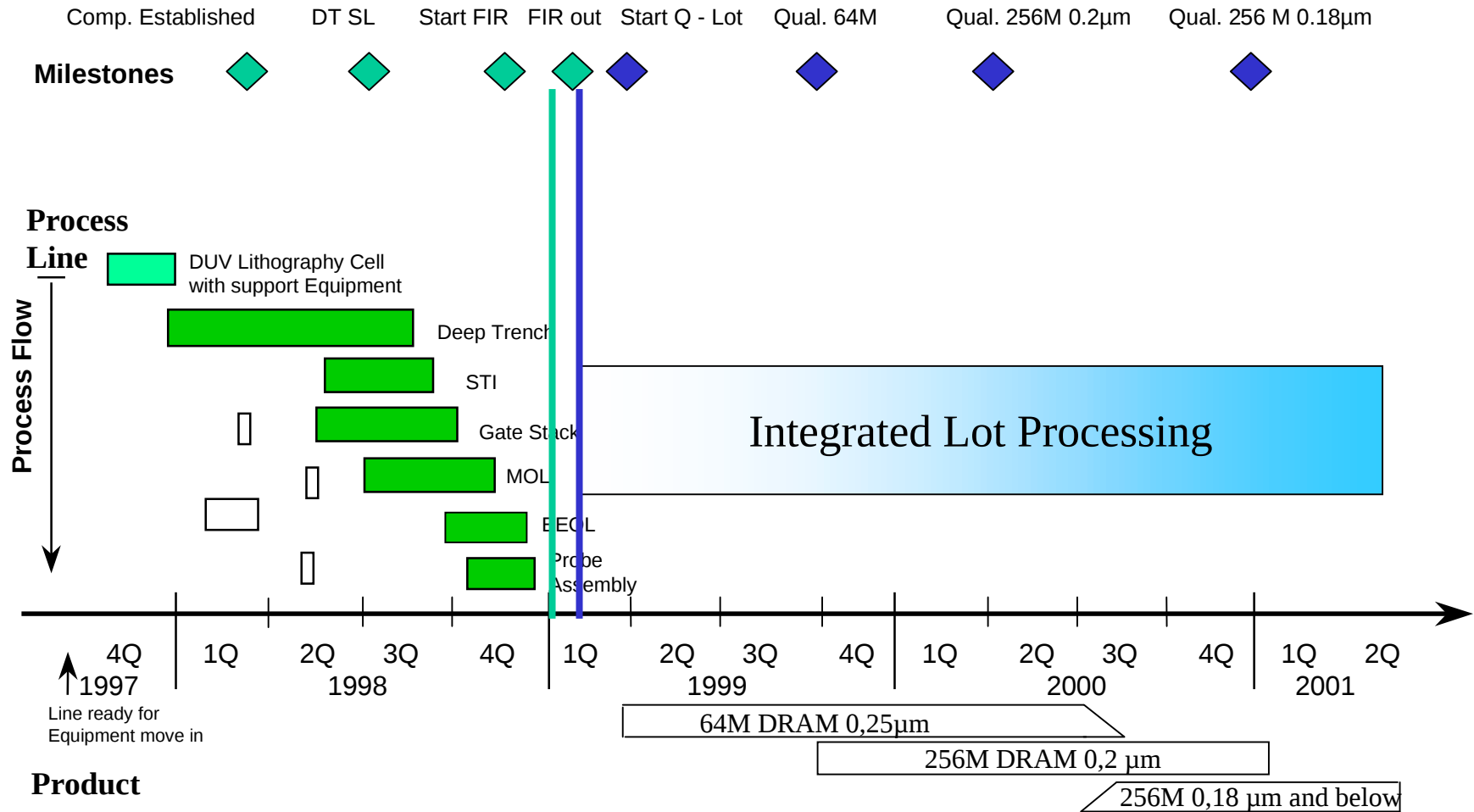


Overview Semiconductor300

Organization:	Siemens / Motorola Joint Venture	
Location:	Dresden	Established February 1998
Schedule:	01/1998 - 12/1998 Tool installation	
	01/1999	Start Integrated Lot Processing
	01/1999 - 12/2000	Development Manufacturing Technology
	in 2001	Transfer in Volume Manufacturing
Development Line		
	Area	1800 m ²
	Class	1.0
Manpower		
	Engineer	140
	Operator	230
	Support	80
Invest	Equipment and Facility	420 Mio. DM
Technology	0,25 μm - 0,18 μm CMOS	
Products	64 DRAM / 256 DRAM	



SC300 Development Schedule





Hercules ASI at SC300 in Dresden



Integration of SEERS at:

↓
AMAT eMxP+
AMAT DPS
LAM 300
TEL Unity II

Sensors for DPS and eMxP+





Sensor Design for LAM 300





Collision Rate: First Wafer Effect

