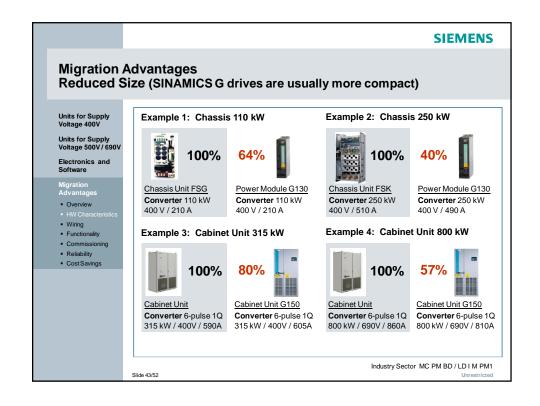
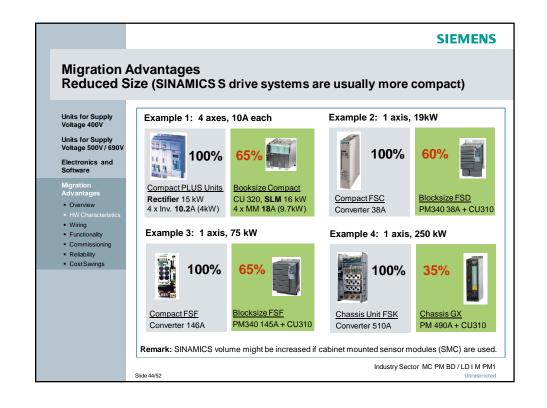
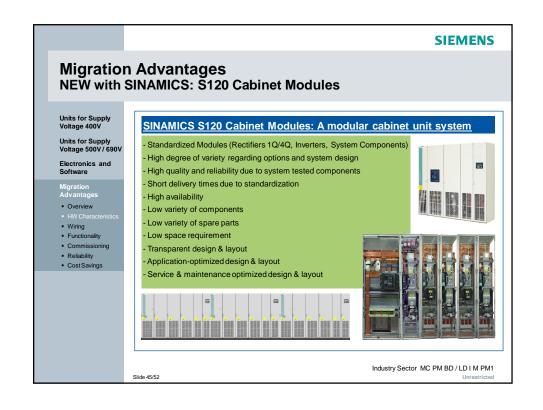
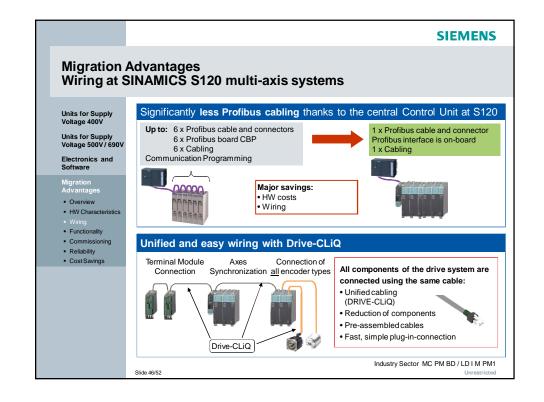


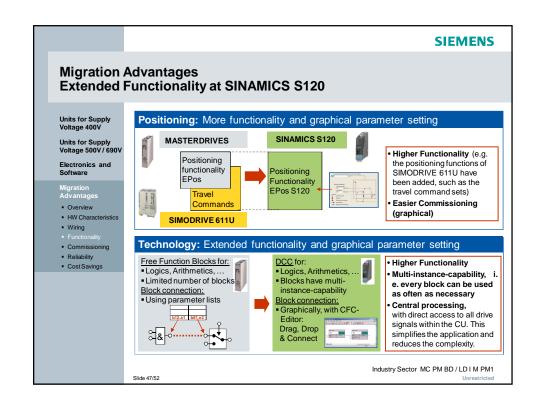
		SIEMENS
Migration A Overview	dvantages	
Units for Supply Voltage 400V	Topic	SINAMICS Advantages
Units for Supply Voltage 500V / 690V Electronics and Software	Hardware Characteristics	 SINAMICS units are in general more compact Power Block concept of Chassis Units simplifies repair of power sections New cooling options (external air, cold-plate) allow for new cabinet designs 100% output voltage of Rectifier/Regenerative Units omits autotransforme
Migration Advantages • Overview • HW Characteristics • Wiring • Functionality • Commissioning • Reliability • Cost Savings	Wiring	 Significantly less Profibus cabling thanks to the central Control Unit CU32 Unified and easy wiring with Drive-CLiQ
	Functionality SINAMICS S	 Positioning: More functionality and graphical parameter setting Free function blocks: Expanded functionality, graphical parameter setting High End Motion Control with Simotion D Numerous Safety Functions
	Commissioning	 Electronic rating plates allow for an automatic initial commissioning Fast comm. for serial machines: One Memory Card for multiple drives
	Availability	Efficient trouble shooting with central diagnostics for all components Faster component swapping with Memory Card Rectifier/Regenerative Units are protected against commutation faults
	Cost Savings	Many HW components are omitted, such as optional boards, Profibus cables and connectors, external safety components Cost savings through optimized configurations for multi-axes-drives
	Slide 42/52	Industry Sector MC PM BD / LD I M PM1 Unrestricted

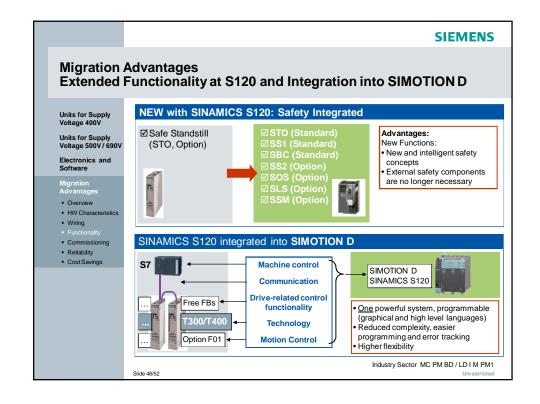


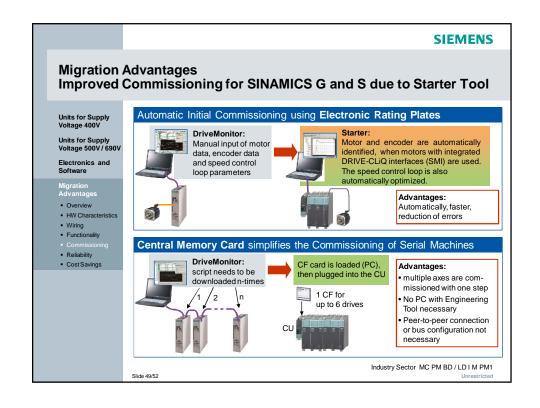


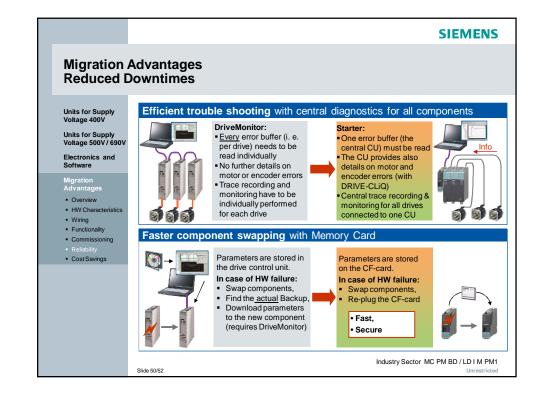




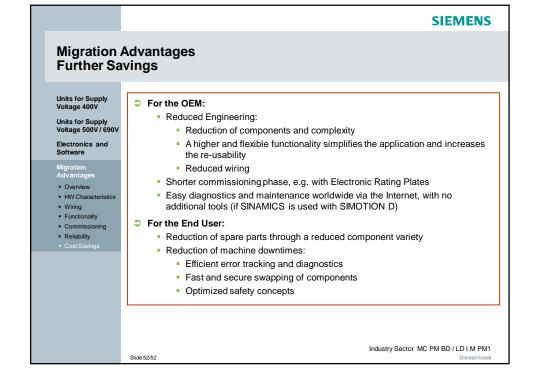








SIEMENS Migration Advantages Direct Cost Savings Units for Supply Voltage 400V Major potential savings for multi-axes-drives: One control unit for up to 6 drives Units for Supply Voltage 500V / 690V • Only one Profibus cable for up to 6 drives, the Profibus interface is on-board Double Motor Modules are available in the lower power range Electronics and Safety Integrated Functions replace external safety components and their wiring Rectifier / Regenerative Units no longer require an autotransformer Overview HW Characteristics Simplified DC-link connection up to 100 kW (Booksize) Functionality Reduced cabinet size Commissioning Reliability Modular system design in formats: Booksize, Chassis, Cabinet Modules Industry Sector MC PM BD / LD I M PM1 Slide 51/52



	SIEMENS
Contact	
Information	http://www.siemens.com/sinamics-dcm
	Tran Vu Thanh
	tran-vu.thanh@siemens.com
	(+84) 914.295.764
Slide 53/52	Industry Sector MC PM BD / LD I M PM1 Unrestricted