

# 15. APPENDIX E: COMPANY DESCRIPTORS

Sector	Industries	Technology/Products/Services
		<b>INDUSTRIAL/PROFESSIONAL/RES-ED</b>
Defense	Public – Defense	Articulated Robots
Civil	Public – Security	SCARA Robots
Research	Public – Public Safety	Parallel Robots/Delta Robots
Education	Public – Emergency Response	Linear Robots
Industrial	Public – Resource Management	Collaborative Robots
Commercial	Public – Other	
Consumer		Indoor Mobile Platforms
	Res-Ed – K-12 Education	Outdoor Mobile Platforms
	Res-Ed – College/University	Indoor Mobile Manipulation Platforms
	Res-Ed – Vocational Training	Outdoor Mobile Manipulation Platforms
	Res-Ed – Research	Automated Guide Vehicles (AGVs, Tugs, Carts)
	Res-Ed – Exploration	Autonomous Forklifts (Forklift AGVs)
	Res-Ed – Other	Autonomous Transportation Systems (Auto, Truck, Monorail, etc.)
	Industrial – Discrete Manufacturing	Micro Aerial Vehicles (Drones)
	Industrial – Process Manufacturing	Small Unmanned Aerial Vehicles (Drones)
	Industrial – Construction/Demolition	Medium Unmanned Aerial Vehicles (Drones)
	Industrial – Oil and Gas	Large Unmanned Aerial Vehicles (Drones)
	Industrial – Mining and Quarrying	Unmanned Underwater Vehicles
	Industrial – Agriculture	Unmanned Surface Vehicles
	Industrial – Other	
		Micro/Nano
	Commercial – Healthcare and QoL	Laboratory/Cleanroom
	Commercial – Utilities	Surgical/Interventional Systems
	Commercial – Transportation	Prosthetic/Orthotic Systems
	Commercial – Warehouse/Distribution	Rehabilitation/Therapeutic Systems
	Commercial – Wholesale	Lifestyle Enhancement
	Commercial – Retail	
	Commercial – Other	Guide/Informational/Greeting
		Marketing/Sales
	Consumer – Home/Lawn/Pool	Humanoids
	Consumer – Toy and Hobby	Soft Robotics
	Consumer – Home Healthcare/QoL	Mobile/Fixed Telepresence
	Consumer – Social/Entertainment	Exoskeletons
	Consumer – Personal Transport	
	Consumer – Other	Other Industrial
		Other Commercial
		Other Education/Research

			<b>CONSUMER</b>
			Consumer – Home Care/Lawn Care/Pool Care
			Consumer – Robotic Toys
			Consumer – Hobbyist/Toy Drones
			Consumer – Hobby Robots/Hobby Kits
			Consumer – Educational/Kits
			Consumer – Social/Entertainment Robots
			Consumer – Home Healthcare/QoL
			Consumer – Other
			<b>ENABLING TECHNOLOGY</b>
			Tech – Actuators/Motors/Servos
			Tech – Arms/Manipulators
			Tech – Batteries/Power Supplies
			Tech – Controllers
			Tech – Development Tools/SDKs/Libraries
			Tech – Electronics
			Tech – End Effectors (Grippers)
			Tech – End Effectors (Tools)
			Tech – Human Robot Interaction (HRI)/Haptics
			Tech – Materials
			Tech – Microcontrollers/Microprocessors/SoC
			Tech – Networking/Connectivity
			Tech – Other
			Tech – Parts and Supplies
			Tech – Screens/Monitors
			Tech – Sensors/Sensing Systems
			Tech – Software
			Tech – Tools and Machinery
			Tech – Video/Vision/Imaging
			Tech – Wheels/Casters
			<b>SERVICES</b>
			Services – System Integration/Programming
			Services – Operator Services: UAVs (Drones)
			Services – Operator Services: UUVs
			Services – Operator Services: USVs
			Services – Distributors/Wholesalers
			Services – Consulting/Engineering
			Services – Legal
			Services – Design Services
			Services – Sales/Marketing/Public Relations
			Services – Data Acquisition/Processing/Management
			Services – Research/Consulting
			Services – Media/Events
			Services – Other