

Year	Branch	Customer	Country	Location	Measurement system
2001	Steel	Salzgitter AG	Germany	Furnace 5	Slab positiong
2001	Steel	Avesta Polarit (Tornio)	Finland	Hot strip mill (before reheating)	Width, thickness, lenght
2002	Steel	Avesta Polarit (Tornio)	Finland	Furnace 2	Slab positiong
2002	Steel	Thyssen Krupp Steel (Duisburg)	Germany	Blooming mill	Width, thickness, lenght
2002	Steel	Thyssen Krupp Steel (Duisburg)	Germany	Hot strip mill (before reheating)	Width, thickness, lenght
2002	Mining / Bulk	RWE	Germany	Tagebau Gartzweiler	Bulk Material Volumem Measurement on Conveyor
2002	Maritime /Port	HHLA CTA	Germany	Hamburg	AGV Position measurement System
2003	Steel	Thyssen Krupp Steel AG Duisburg	Germany	Furnace	Slab Material Tracking
2003	Steel	Saarstahl	Germany	Continues Caster for billets	Thickness
2003	Steel	Salzgitter AG	Germany	Furnace 3 and 4	Slab positiong
2003	Mining / Bulk	Siemens / Coal Terminal Europort	Netherlands	CTE Terminal Rotterdam	Collision avoidance Ship unloader
2003	Mining / Bulk	Coal Terminal Europort Rotterdam	Netherlands	CTE Terminal Rotterdam	Train loading station TLS / train velocity and filling control
2003	Mining / Bulk	ABB / RWE	Germany	Tagebau Inden	Bulk Material Volumem Measurement on Conveyor
2004	Steel	Thyssen Krupp Steel (Duisburg)	Germany	Hot strip mill (before reheating) (Furnace 1 – 5)	Width, thickness, lenght
2004	Steel	Thyssen Krupp Steel (Duisburg)	Germany	Hot strip mill (before reheating) (Furnace 6)	Width, thickness, lenght
2004	Steel	Thyssen Krupp Steel AG Duisburg	Germany	Furnace 6	Slab positioning
2004	Steel	Thyssen Krupp Steel AG Duisburg	Germany	Furnace 6	Slab Material Tracking
2004	Steel	Salzgitter AG	Germany	Continues Slab Casting Machine CCM 3	Width, length
2004	Steel	Outokumpo (Tornio)	Finland	Hot strip mill (before reheating)	Width, thickness, lenght
2004	Mining / Bulk	FAM	Denmark	Aalborg	Position and control jib
2004	Mining / Bulk	ABB / RWE	Germany	Tagebau Gartzweiler	Bulk Material Volumem Measurement on Conveyor
2004	Maritime /Port	HHLA CTB	Germany	Hamburg	Container Position measurement System on double trolley STS for automatic operation
2005	Steel	Corus (Ijmuiden)	Netherlands	Hot strip mill (before reheating)	Width, lenght
2005	Steel	Arcelor Mittal (Eisenhüttenstadt)	Germany	Continues Slab Casting Machine	Width, length
2005	Mining / Bulk	Siemens / RWE	Germany	Tagebau Gartzweiler	Bulk Material Volumem Measurement on Conveyor
2005	Mining / Bulk	BEA / Vattenfall	Germany	Tagebau Länschwalde	Bulk Material Volumem Measurement on Conveyor
2006	Steel	Voest Alpine Steel GmbH	Austria	Furnace 3	Slab positioning
2006	Steel	Thyssen Krupp Steel (Duisburg)	Germany	Continues Slab Casting Machine (CCM 1)	Width, thickness, profil, lenght
2006	Mining / Bulk	Vonrep / Power plant Romania	Romania		Bulk Material Volumem Measurement on Conveyor
2006	Mining / Bulk	Demag Cranes	Denmark	Incinerator Copenhagen	Bunker Volume Measurement
2006	Mining / Bulk	Siemens	India		Bulk Material Volumem Measurement on Conveyor
2006	Mining / Bulk	Cegelec/ RWE	Germany	Tagebau Gartzweiler	Bulk Material Volumem Measurement on Conveyor
2006	Maritime /Port	Euromax	Netherlands	Rotterdam	Truck Classification System
2006	Maritime /Port	Patrick	Australia	Sydney	Container Stack Verification and Anti-Kollision System
2007	Steel	Thyssen Krupp Steel (Duisburg)	Germany	Continues Slab Casting Machine (CCM 2)	Width, thickness, profil, lenght
2007	Steel	Thyssen Krupp Steel (Bochum)	Germany	Hot strip mill (before reheating) Transport East	Width, thickness, lenght
2007	Steel	Thyssen Krupp Steel (Bochum)	Germany	Hot strip mill (before reheating) Transport West	Width, thickness, lenght
2007	Steel	Thyssen Krupp Steel AG Bochum	Germany	Furnace 1 -4	Slab positioning
2007	Steel	Thyssen Krupp Steel AG Bochum	Germany	Furnace 1 -4	Slab Material Tracking
2007	Mining / Bulk	Cegelec/ RWE	Germany	Tagebau Gartzweiler	Bulk Material Volumem Measurement on Conveyor
2007	Mining / Bulk	BEA/ RWE	Germany	Tagebau Gartzweiler	Bulk Material Volumem Measurement on Conveyor
2007	Mining / Bulk	Demag Cranes	Austria	Incinerator	Bunker Volume Measurement
2007	Mining / Bulk	Vonrep / Power plant Romania	Romania		Bulk Material Volumem Measurement on Conveyor
2007	Mining / Bulk	Vattenfall	Germany	Tagebau Nochten	Bulk Material Volumem Measurement on Conveyor
2007	Maritime /Port	HHLA CTB	Germany	Hamburg	Container and Truck Position measurement at the Landside and waterside transfer areas,
2007	Maritime /Port	Patrick	Australia	Sydney	Container measurement in the stack
2007	Maritime /Port	DPW	VAE	Dubai	Container measurement on the trucks
2007	Maritime /Port	Hutchinson	GB	Felixstowe	Truck position measurement
2007	Maritime /Port	Hutchinson	GB	Felixstowe	Truck position measurement
2008	Steel	Salzgitter AG	Germany	Furnace 6	Slab positioning

2008	Steel	Saarstahl	Germany	Continues Caster for billets	Thickness
2008	Steel	Salzgitter AG	Germany	Continues Slab Casting Machine CCM 3	length
2008	Mining / Bulk	FLSmidth Koch	China	Beijing	Bulk Material Volumem Measurement on Conveyor
2008	Mining / Bulk	FLSmidth Koch	China	Beijing	Bunker Volume Measurement
2008	Mining / Bulk	Demag Cranes	Germany	Incinerator	Bunker Volume Measurement
2008	Mining / Bulk	Cegelec/ RWE	Germany	Tagebau Gartzweiler	Bulk Material Volumem Measurement on Conveyor
2008	Mining / Bulk	Vonrep / Power plant Romania	Romania		Bulk Material Volumem Measurement on Conveyor
2008	Mining / Bulk	Sinopec	China	Wuhan	Heap volume measurement
2008	Maritime /Port	HHLA CTB	Germany	Hamburg	Container and Truck Position measurement at the Landside and waterside transfer areas,
2008	Maritime /Port	DPW	Vietnam		Container measurement in the stack
2008	Maritime /Port	DPW	India	Vallarpardam	Truck position measurement
2008	Security	TELBA /Forensik	Germany	Viersen	Truck position measurement
2009	Steel	Namascor	Netherlands	Heavy plate mill	Laser Tracking System 400
2009	Steel	Thyssen Krupp Steel (Calvert)	Alabama USA	Hot strip mill (before reheating)	Heavy plate width, thickness and lenght
2009	Steel	Thyssen Krupp Steel (Calvert)	Alabama USA	Furnace 1 – 3	Width, thickness, lenght
2009	Steel	Thyssen Krupp Steel (Calvert)	Alabama USA	Furnace 1 – 3	Slab positioning
2009	Steel	Salzgitter AG	Germany	Continues Slab Casting Machine CCM 4	Slab material tracking
2009	Steel	Wuppermann/Voith	Netherlands	Coil yard	Width, length
2009	Metals	Aurubis	Germany	Electrolyse	Coil Position measurement
2009	Steel	Ilsenburger Grobblech	Germany	Heavy Plate Mill	3D-profiling electrolyse bath
2009	Mining / Bulk	EGK	Germany	Incinerator Krefeld	Slab positioning 2 furnaces
2009	Mining / Bulk	ZPMC	China	Shanghai	Bunker Volume Measurement
2009	Mining / Bulk	HKM	Germany	Duisburg	Heap volume measurement
2009	Mining / Bulk	Cegelec/ RWE	Germany	Tagebau Gartzweiler	Bunker Volume Measurement
2009	Mining / Bulk	Vonrep / Power plant Romania	Romania		Bulk Material Volumem Measurement on Conveyor
2009	Mining / Bulk	Kleeschulte Erden	Germany	Rüthen	Bulk Material Volumem Measurement on Conveyor
2009	Mining / Bulk	DSK	Germany	Marl	Train loading station TLS / train velocity and filling control
2009	Mining / Bulk	Vattenfall	Germany	Welzow	Bulk material character measurement
2009	Maritime /Port	DPW	Arabia	Jeddah	Truck position measurement
2009	Maritime/Vessel	Jan de Nul	Belgien	Vessel Simon Steven	Fall pipe measurement
2009	Maritime/Port	Hutchinson YICT Terminal	China	Shenzhen	Truck Positioning
2009	Logisik	Unitechnik	Germany	Eisenhüttenstadt	Flight Container inner volume measurement
2009	Logisik	Unitechnik	Germany	Eisenhüttenstadt	Flight luggage dimension measurement
2010	Steel	LAKAL	Germany	Colt strip	Thickness
2010	Steel	Simpelkamp	Germany	Block dimension	Shape and thickness
2010	Steel	Voest Alpine	Austria	Heavy plate measurement	Thickness, width, length and position
2010	Steel	Thyssen Krupp Steel Duisburg	Germany	Continues Slab Casting Machine CCM 1 + 2	Width, length and profile
2010	Steel	Vallourec Mannesmann	Germany	Pipe length	Length
2010	Steel	Arcelor Mittal	France	Fos-sur-mer	Automatic slab yard
2010	Mining / Bulk	Kranwerke Mannheim	Norway	Incinerator	Bunker Volume Measurement
2010	Mining / Bulk	Demag Cranes	Germany	Incinerator	Bunker Volume Measurement
2010	Mining / Bulk	Arcelor Mittal	Belgie	Gent	Heap volume measurement
2010	Mining / Bulk	Kranwerke Mannheim	Netherlands	Incinerator	Bunker Volume Measurement
2010	Mining / Bulk	Hude	China	Xichang	Bunker Volume Measurement
2010	Mining / Bulk	Hude	China	Xichang	Bulk Material Volumem Measurement on Conveyor
2010	Maritime /Port	DPW	Pakistan	Karachi	Truck position measurement
2010	Maritime/Port	Hutchinson YICT Terminal	China	Shenzhen	Vessel Profiling System
2011	Steel	Andritz März	Germany	Reheating furnace	Slab positioning and length and width measurement
2011	Steel	Thyssen Krupp Steel Duisburg	Germany	Hot strip mill	Width, length, thickness profile in 5-lines
2011	Steel	SMS / Fuxin	China	Continues Slab Casting Machine CCM	Slab width measurement

2011	Steel	SMS	India	Continues Slab Casting Machine CCM	Slab profiling system
2011	Steel	ThyssenKrupp	Germany	Reheating Furnace	Slab Multi Dimension Measurement
2011	Steel	Hosch Hoehenlimburg	Germany	Steel center	Automatic coil yard
2011	Steel	Tata Steel Ijmuiden	Netherlands	Colt strip	Automatic coil yard
2011	Steel	Arcelor Mittal	Genk	Colt strip	Automatic coil yard
2011	Steel	Lakal		Strip production	Thickness measurement
2011	Steel	Salzgitter AG / Bang	Salzgitter	Steel shop	Bunker volume, Container Position measurement,
2011	Steel	Voest Alpine	Austria	Heavy plate measurement 2	Thickness, width, length and position
2011	Steel	Dillinger Hütte	Germany	heavy Plate Productio	Heavy plate tracking system
2011	Steel	Voest Alpine	Austria	Donauwitz	Bunker volume measurement
2011	Steel	Ilsenburger Grobblech	Germany	Heavy Plate Mill	heavy plate lenght, width and flatness
2011	Mining / Bulk	RWE	Germany	Gartzweiler	Heap volume measurement
2011	Mining / Bulk	Schmiedl	Germany		Bunker Volume Measurement
2011	Mining / Bulk	Siemens/Vattenfall	Germany	Welzow	Bulk Material Volumem Measurement on Conveyor
2011	Mining / Bulk	Hitachi/Zosen	Switerland	Zurich	Incinerator Bunker volumen measurement
2011	Maritime/Port	Cargotec	Finland	Tampere	Truck Twistlock Detection system
2011	Maritime/Vessel	Jan de Nul	Belgien	Vessel Simon Steven 2	Fall pipe measurement, flansh distance, bunker volume, Bulk volume on conveyor belt
2011	Security	SICK	Netherlands	Utrecht	Laser Tracking System 400
2011	Security	Re-Power/Bosch	Germany	Bremerhaven	Laser Tracking System 400
2011	Security	Prison Bruchsal	Germany	Bruchsal	Laser Tracking System 400
2011	Security	Schwimmbad Lünen	Germany	Lünen	People counting in swimming bath
2011	Security	Deutz	Germany	Köln	Custom storage exit control