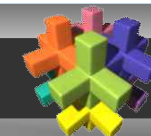




COMPANY PROFILE

21 CENTURY GEAR CO., LTD.

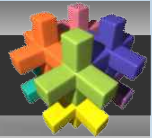




- ☐ 1. Location
- ☐ 2. History
- ☐ 3. Company summary
- ☐ 4. Organization
- ☐ 5. R&D Organization
- ☐ 6. Products constitution
- ☐ 7. Principle customers
- ☐ 8. Main Products

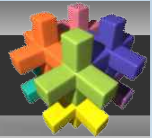


1. Location





2. History



01 Jun 1966	Establishment of 21century enterprise Co.
30 Sep 1981	Designated as a systematization company (Engine gear – Ministry of commerce and industry)
27 Mar 1990	Subsidiary Company Establishment of the 21 st Century Industry Co., Ltd and starting of it's business
26 Nov 1999	ISO 9001 Certificate (small and medium industry certificate center)
22 Dec 2001	QS 9001 Certificate (small and medium industry certificate center)
08 Aug 2002	ISO 14000 Certificate (small and medium industry certificate center)
07 Mar 2006	TS 16949 Certificate (DQS Gmbh)
30 Nov 2007	Awarded of 3million dollar export prize (ministry of commerce, industry and energy)
10 Feb 2009	Encourage visitation of The President (LEE, MYUNG-BAK)
12 Dec 2011	Awarded of 5million dollar export prize
30 Nov 2012	Awarded of 8million dollar export prize
20 Oct 2014	Constructed New Heat Treatment Facility

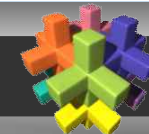


2.1 Encourage visitation The President





3. Company summary

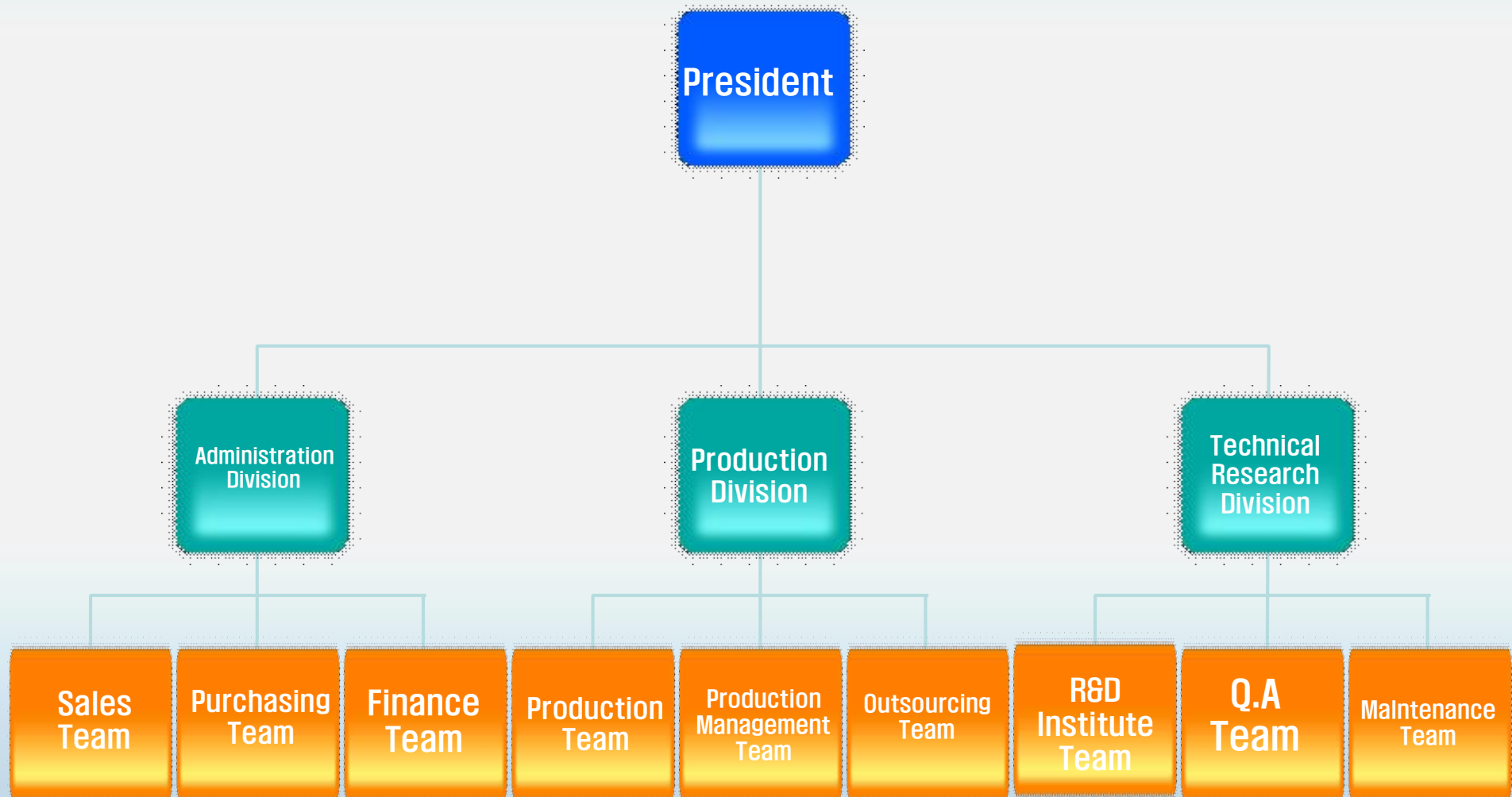
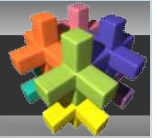


21CENTURY GEAR CO., LTD.

CEO	Lee, Kyu-Hwan
LOCATION	GANGNEUNG
TOTAL SALES	\$20,000,000
SITE	8,264m²
BUILDING	5,352m²
EMPLOYEES	87 PERSONS

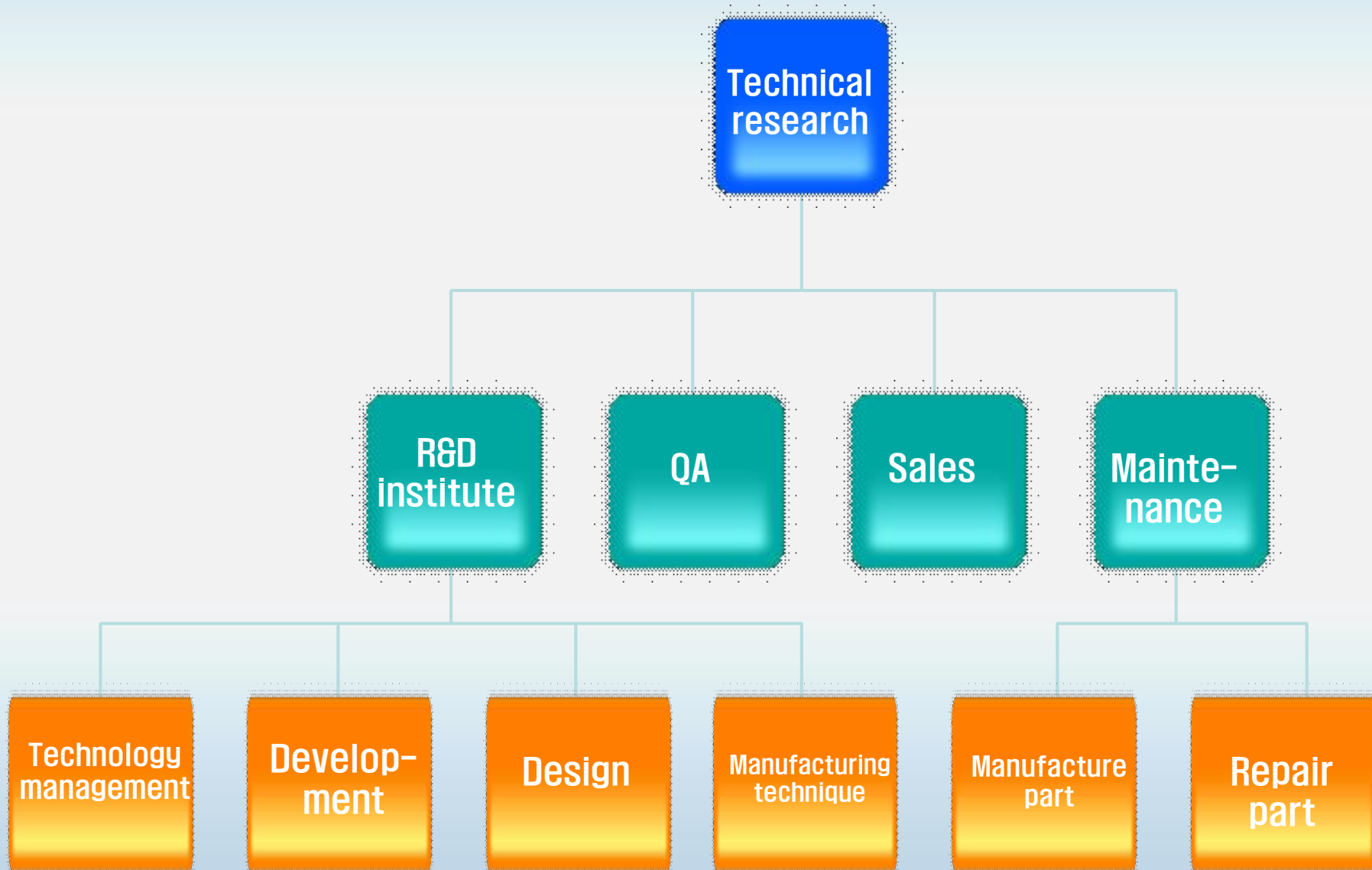
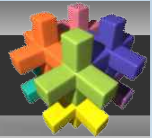


4. Organization



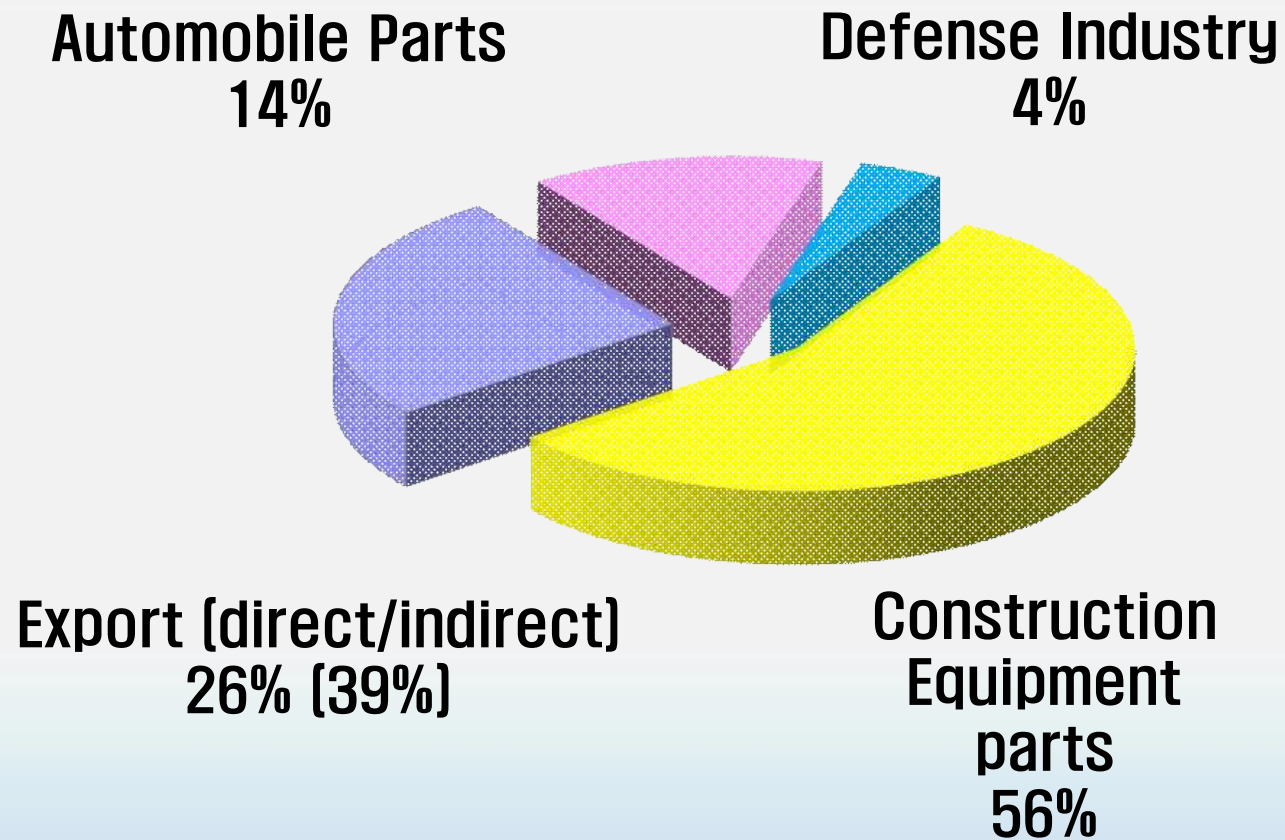
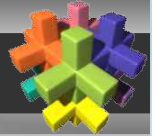


5. R&D Organization



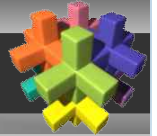


6. Products constitution





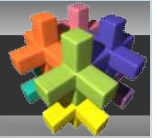
7. Principle customers



Parts			Products
Automobile Parts	HYUNDAI / KIA Motors	KIA	Engine timing gear
		Dong bo	Engine balance gear
		SeAH	Flange companion
		WIA	Flange companion
Construction Equipment Parts	VOLVO Group Korea		Swing reducer
	HYUNDAI Heavy industry		Axle shaft & Sprocket
	JUNJIN Heavy industry	Transfer P.T.O	
		Swing reducer	
	EVERDIGM Corp.		Transfer P.T.O



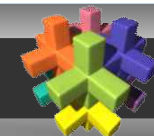
7. Principle customers



Parts		Products
Export	KUBOTA (JAPAN)	Gear, Pin, Shaft & Carrier for tractor, Diff Assembly
	GENIE Industry (U.S.A)	Rotator turntable
	HAULOTTE Group (FRANCE)	Rotator turntable
	T-L Irrigation (U.S.A)	HUB (Planetary Gear Box)
Defense Industry	HYUNDAI ROTEM	Swing drive
		Pump drive
OTHER CUSTOMER		Rotator turntable etc.



8. Main products



Customers

- JUNJIN Heavy industry Co., Ltd.
- EVERDIGM Corp.
- CONCORD International



Application

- Tower crane
- Concrete pump car

Product name	Swing reducer
Max output torque	9,000~15,000 N·m
Reduction ratio	1/47, 1/81, 1/159
Max Input rpm	330~600 rpm



Swing
reducer

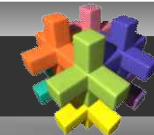
Product name	Transfer PTO
Max transfer torque	1,500 N·m
Power take off	Max 32,000 N·m
Max power	345 Kw
Max output rpm	2,800 rpm
Rated rpm	2,200 rpm
Gear ratio	1.49:1~1:1

P.T.O.





8. Main products



Customers

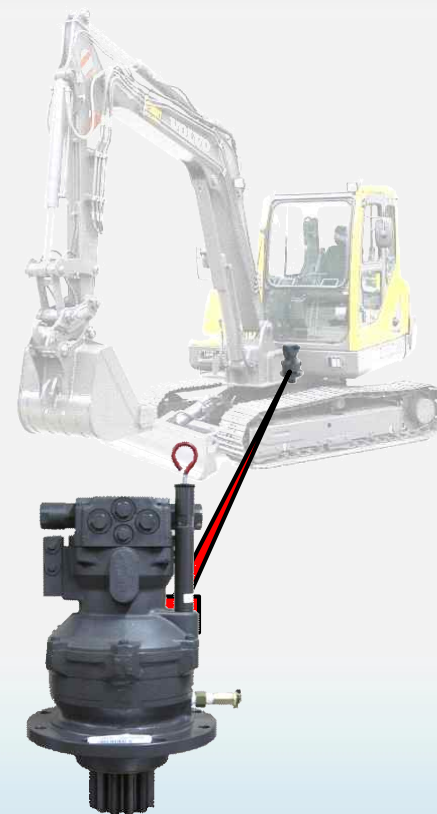
- VOLVO Group Korea



Application

- Excavator (5tons)

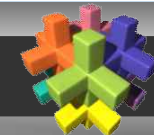
Product name	Swing reducer
Max output torque	1,314 N·m
Reduction ratio	1/19.8
Max input rpm	1,320 rpm



Swing reducer



8. Main products



> Customers

- HYUNDAI Heavy Industry Co., Ltd.

> Application

- Electric fork lift (1.0~1.8 tons)

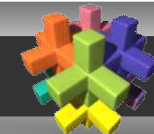
Product name	Drive unit
Drive reduction ratio	1/20
Steering reduction ratio	1/4.8



Drive unit



8. Main products



Customers

· HYUNDAI Heavy Industry Co., Ltd.



Application

· Skid loader
(HSL650-7A/HSL850-7A)



Sprocket



Axle shaft

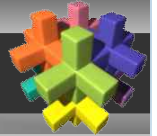


Sprocket center





8. Main products



Customers

- KUBOTA (JAPAN)
- HIRONO IRON WORKS(JAPAN)



Application

- Tractor (Final drive)



Carrier Assembly



Gears



Diff Assembly

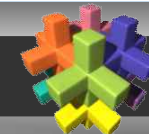


Pin & shaft





8. Main products



Customers

- GENIE A TEREX Company (U.S.A)
- HAULOTTE Group (France)

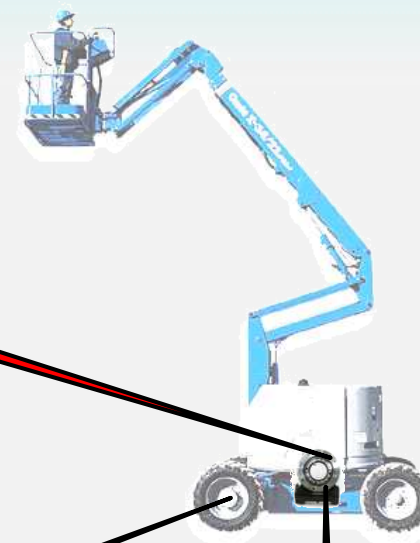


Application

- High place working vehicle
(Articulating booms Z-34/22N)
(Articulating booms HA12CJ)

Product name	Turntable
Reduction ratio	1/60, 1/78
Torque rating	37,000 in·Lbs
Max. Torque	5,860 N·m

SDW-2005



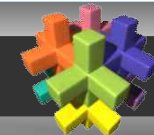
HUB Assembly



SDW-407



8. Main products



Customers

- T-L Irrigation (U.S.A)



Application

- Agricultural equipment

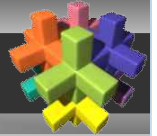
Product name	HUB
Reduction ratio	1/24, 1/68
Rated torque	1,685 N·m
Intermittent torque	3,469 N·m
Max output torque	4,500 N·m
Max input rpm	4,000 rpm



HUB Assembly



8. Main products



Customers

· HYUNDAI ROTEM Co., Ltd.



Application

· K-1 Salvage tank

Pump drive



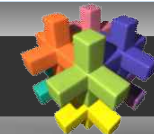
Swing drive



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8. Main products



Customers

- HYUNDAI / KIA Motors
- WIA / SeAH Besteel



Application

- Commercial car



Engine timing gear



Flange companion

Under the enterprise's philosophy, "Always do our best now while tomorrow for a bright future tomorrow." we, 21Century Co, constantly put forth our best efforts to provide our customers with high quality products and reliable services, thus being a leader in the 21st century with a creative and challenging spirit.

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