



IT, RT, NT 가 IT, RT 가 가 가 가	가 가 1970 가 1990 1990 Super gene-con 10 가	AMURAD (Automated UpRise ADvanced Building Construction System), ABCS(Automated Building Construction System.) (Big Canopy), SMART(Shimizu Manufacturing System by Advanced Robot Arm 
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Robotics Technology)

3D CAD , 가

(BIM, Logistics,)

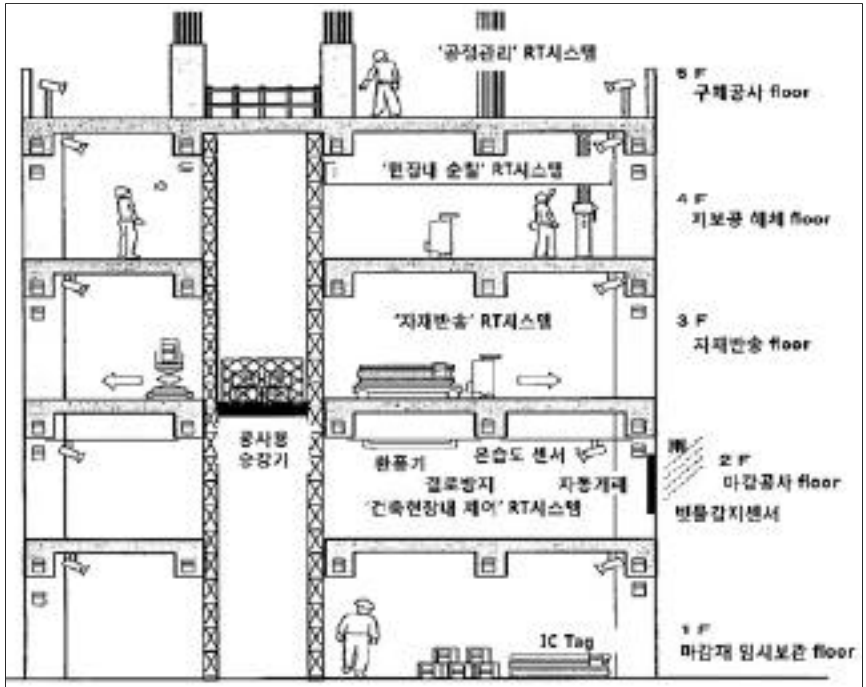
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()Auto-climbing 가 [KASA].
()Humanoid Robot(HRP - 2)



EC (Engineering Construction),

IRT

가

가

가

가

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가 가

가





Auto-climbing Crane System [Shuttle Rise].

Auto-climbing Crane System [Shuttle Rise].	IRT IT	
	IRT(Intelligent Robotics Technology)	
Arm(Swing Catcher)	IT 1) LAN , 2) Sensor Network, 3) 3D , 4) IC- tag, 5) Real - time , 6)	
(Climbing Robot)		
Humanoid		가 가
가 가 Humanoid	가 RT	가 Cost performance



2009 (Mr. Yukitaka Ogihara,)