

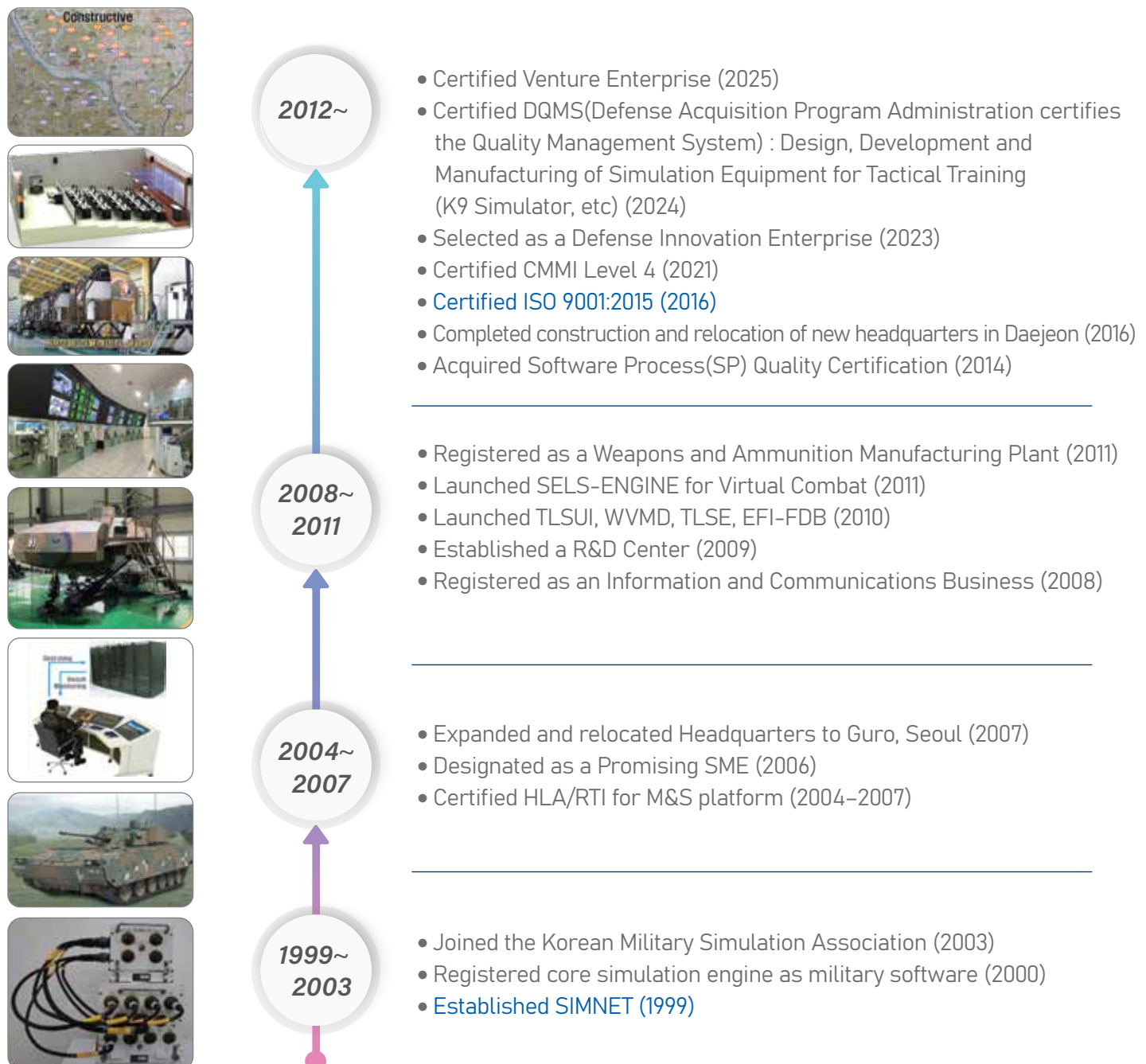


SIMNET
Simulation & Network

Pioneering the Future of Defense Modeling and Simulation

SIMNET is committed to shaping a better future
 through innovation and excellence in defense simulation technologies.
With a focus on maximizing the value of knowledge and information,
 we strive to become a global leader by turning today's visions into tomorrow's realities.
 We are dedicated to putting our customers and our mission first - always.

Company Name	SIMNET	CEO	JIN-SEOB CHA
Business Areas	• Development of Modeling & Simulation (M&S) Systems • Development of Wargame Simulation and Data • Consulting on Analysis Technologies • Development of Tactical Trainer(Simulator) and CBT • R&D on Core technologies of Desense-related and AI		
Head Office	157 Jukdong-ro, Yuseong-gu, Daejeon, Republic of Korea	Established	March 19, 1999
Contact	TEL. +82-42-823-3872 / FAX. +82-42-823-3870	Employees	230



KEY ACHIEVEMENTS AND PROJECTS

SIMULATION

2019 ~

- Capability Upgrade of Air Combat Model (Jun. 2021 ~ May 2023)
- System Development of LVC Army Interoperability Training System (Build-I) (Nov. 2021 ~ Oct. 2026)
- Concept Development of LVC Army Interoperability Training System (Build-I) (Aug. 2019 ~ Feb. 2021)



2016~2018

- System Development of Joint Operations Analysis Model-II (Nov. 2018 ~ Feb. 2022)

2013~2015

- Development of Civil-Military Operations Model (Aug. 2014 ~ Dec. 2017)
- Development of Joint Intelligence Support Model (Jun. 2014 ~ Dec. 2017)
- Development of Counter-Fire Operations Model (Jan. 2013 ~ Dec. 2014)

2010~2012

- Development of Interoperability between Simulator and Force-21 Wargame Model (Jul. 2010 ~ Mar. 2011)

2007~2009

- Development of Interoperability between KCTC and Force-21 Wargame Model (Jun. 2009 ~ Mar. 2010)
- Development of Interoperability for Combined Arms Operations (Nov. 2008 ~ Dec. 2011)
- Development of Amphibious Operations Model (Jan. 2007 ~ Dec. 2007)
- Development of Joint Operations Analysis Model (Jan. 2007 ~ Dec. 2009)

2004~2006

- Development of 00 Operations Effectiveness Analysis Model (Oct. 2005 ~ Dec. 2006)
- Development of Air Combat Model (Aug. 2004 ~ Dec. 2006)
- Development of Wartime Resource Requirements Analysis Model (Aug. 2006 ~ Dec. 2009)

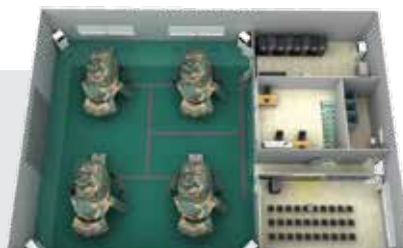
2001~2003

- Performance Improvement of Hwarang-21 Wargame Model (Mar. 2003 ~ Dec. 2003)
- Performance Improvement of Vision-21 Wargame Model (Mar. 2003 ~ Dec. 2003)
- Development of Land Standard Interoperability Model (Jan. 2002 ~ Dec. 2004)
- Development of Combat Service Support Model (Apr. 2002 ~ Dec. 2005)

SIMULATOR

2019 ~

- Performance Improvement of TMPS (Tank Multi Purpose Simulator) for K-Series MBT Platoon-level (Jun. 2023 ~ Jun. 2025)
- Mass Production of TMPS(3 Sets) (Jul. 2020 ~ Sep. 2023)
- Manufacturing and Performance Improvement of MBT Gunnery Simulators (Units 1~6) (Sep. 2021 ~ Nov. 2022)
- Mass Production of JFTS (Joint Fire Training Simulator) (Jun. 2019 ~ Nov. 2021)
- Development of Special Operations Simulation System (Oct. 2019 ~ Nov. 2020)



TMPS(Tank Multi Purpose Simulator)

2016~2018

- Development of Intelligent Virtual Training System for Special Forces Field Training (May 2017 ~ Nov. 2017)
- Development of MBT Gunnery Simulator (Units 10~12) (Jun. 2016 ~ Oct. 2019)
- Development of K9 SPH Driving Simulator (Feb. 2016 ~ Dec. 2017)



K-9 SPH Driving Simulator

2013~2015

- System Development of JFTS (Nov. 2015 ~ Dec. 2017)
- Development of MBT Gunnery Simulator (Units 7~9) (May 2013 ~ Oct. 2016)
- Development of MBT Driving Simulator (Units 11~12) (May 2013 ~ Dec. 2014)

2007~2012

- Development of MBT Gunnery Simulator (Unit 6) (Jun. 2012 ~ Jun. 2013)
- Development of MBT Driving Simulator (Units 7~10) (Oct. 2010 ~ Feb. 2011)

2001~2006

- Development of K21 IFV Embedded Training Software (Nov. 2003 ~ Dec. 2006)

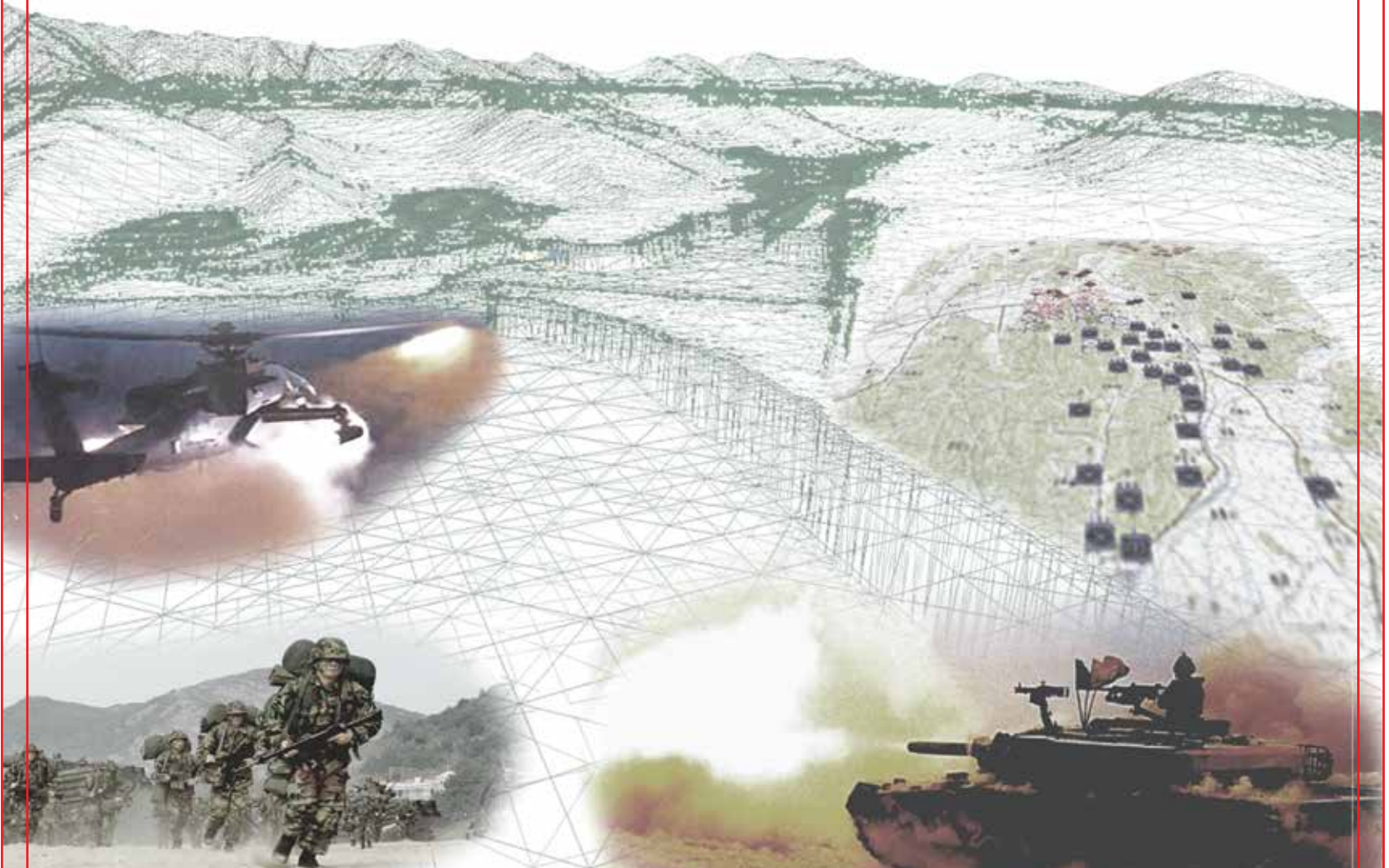


JFTS(Joint Fire Training Simulator)

M&S System I

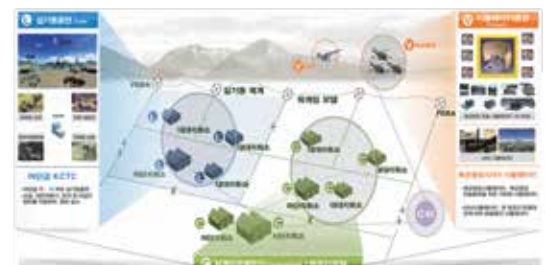
M&S System I

Building on our extensive expertise in Modeling & Simulation (M&S) systems, we are at the forefront of developing the LVC Army Interoperability Training System (Build-I), as well as M&S solutions for defense acquisition based on a plug-in component architecture.



KEY PROJECTS

- Concept Development of LVC Army Interoperability Training System(Build-I) (DAPA)
- System Development of LVC Army Interoperability Training System(Build-I) (DAPA)
- Development of Reconfigurable Environment simulation and Engine based on component architecture (ADD)
- Development of System virtual environment and Engine(Addsim) based on component architecture (ADD)
- Development of Component of Common SAF Simulation Model (ADD)
- Research of Library for Weapon System Component Model (ADD)
- Implementation of behavioral and physics-based models for combat simulation, and development of an After-Action Analysis module (ADD)
- Development of Battle Damage Assessment Analysis Model (ADD)
- Effectiveness Analysis of Future Weapon Systems Using Defense Modeling & Simulation (ADD)



M&S System II

M&S System II

Using advanced simulation technologies powered by IT,
 we develop training models that offer commanders and
 staff – from battalion to theater level – highly realistic combat scenarios.
 We also create analytical models that enable in-depth evaluation of
 operational performance across all functional domains,
 reinforcing our leadership in the defense M&S sector.



KEY PROJECTS

- System Development of Air Combat Model (DAPA)
- Development of Force Generation Model a.k.a. Combat Sample Generator (JCS)
- System Development of Joint Operations Analysis Model II (DAPA)
- Concept Development of Joint Operations Analysis Model II (DAPA)
- System Development of Civil-Military Operations Model (DAPA)
- System Development of Joint Intelligence Support Model (DAPA)
- Development of Joint Operations Analysis Model (JCS)
- Development of Analysis Model (JCS)
- Operation of the Marine Corps Operational Planning Analysis Model (NDMC)



Simulator & CBT

Simulator & CBT

We lead the development of a wide range of advanced training systems, including high-fidelity simulators that replicate actual combat equipment for virtual training; computer-based training (CBT) systems for operator and procedural instruction; and embedded or on-board devices integrated into live weapon systems, enabling training without the need for separate trainer hardware.



KEY PROJECTS

- System Development of JFTS(Joint Fire Training Simulator) (DAPA)
- Mass Production of JFTS(Joint Fire Training Simulator) (DAPA)
- Development of K9 SPH Driving Simulator (DAPA)
- Mass Production of TMPS(Tank Multi Purpose Simulator) (DAPA)
- Development of Intelligent Virtual Training System for Special Forces Field Training (National Information Society Agency)
- Manufacturing of MBT Gunnery Simulator (Army Armor School)
- Manufacturing of MBT Driving Simulator (Army Armor School)
- Development of APC Driving Simulator (NDMC)
- Development of Shipboard Equipment CBT System (ROKN Central Accounting Unit)



Core Technology

Core Technology

With extensive experience and proven technical capabilities in the defense M&S domain, we develop and apply core technologies across a wide range of areas.

We also actively pursue research initiatives focused on future battlefield operations, including battlefield management systems for defense robotic platforms.



KEY PROJECTS

- Rebuilding and Development of Artillery Tactical Training Simulator (KRIT)
- Synthetic Battlefield Environment based Integrated Combat Training Platform (KRIT)
- Development of ESTE products that allows training under a synthetic training environment (KRIT)
- Unmanned Reconnaissance Vehicle Training Equipment (Hanwha Systems)
- Development of Remote Sensing and Control Technologies Based on Sensor Data Fusion (ADD)
- Development of Simulators for Combat Multi-Robot Performance Analysis (ADD)
- Development of Analysis Model for Operational Effectiveness of Infantry-launched medium-range guided missile (ADD)
- Research of an Effectiveness Analysis Model for Next-Generation Multiple-Launch Rocket Systems and Research on Efficient Operational Employment (Hanwha)
- Prototype Development of Integrated Analysis and Virtual Simulation System (ADD)



“ Exceeding Customer Expectations”

Driven by our core values

– Creativity, Challenge, Technology, and Value –
we are shaping the future through innovation and responsibility.

[Head-office] 157 Jukdong-ro, Yuseong-gu, Daejeon, Republic of Korea

[Tel] +82-2-790-6560 [Fax] +82-2-790-6248

<http://www.simnet.co.kr>