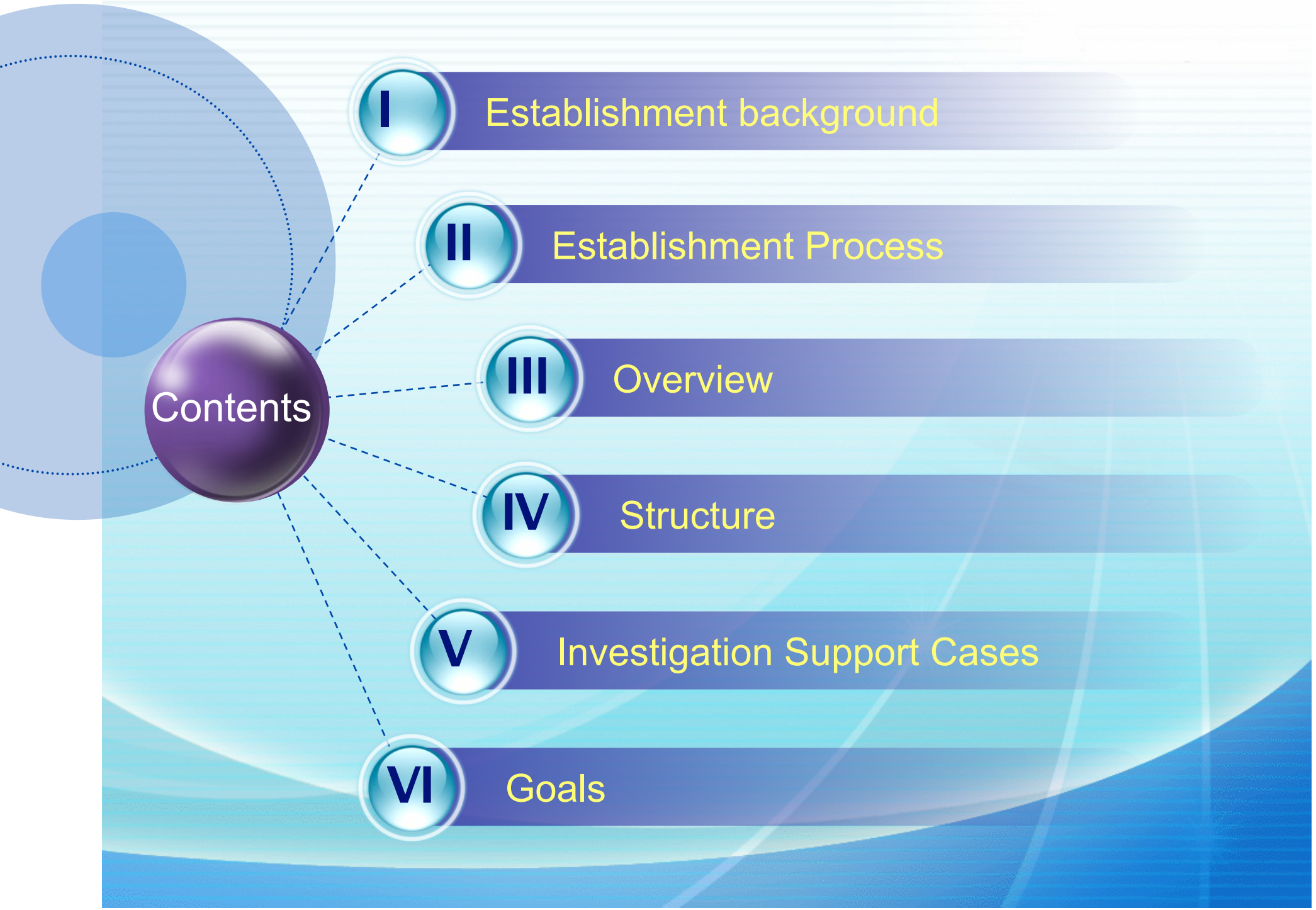
Supreme Prosecutors' Office
of the Republic of Korea

Digital Forensic Center

Supreme Prosecutors' office
Forensic Planning Division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Establishment Purpose of Digital Forensic Center

- Prompt and accurate Analysis of evidences
- Professional computer forensic training
- Planning and managing cutting edge forensics

Establishment process

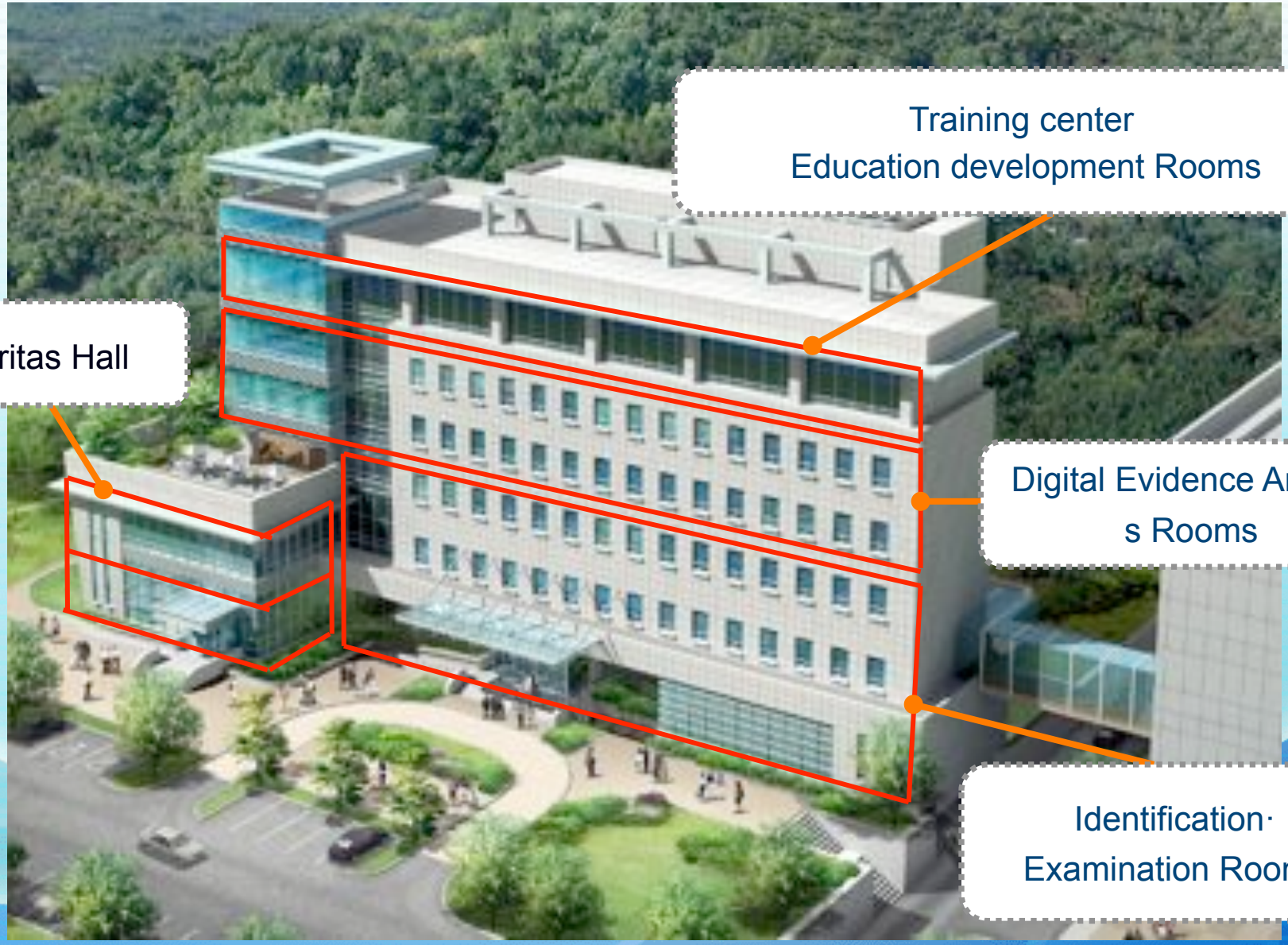
- Digital Forensic Center master plan
- Budget: 14.4 billion won ($9,823,986)

- Complete building plan

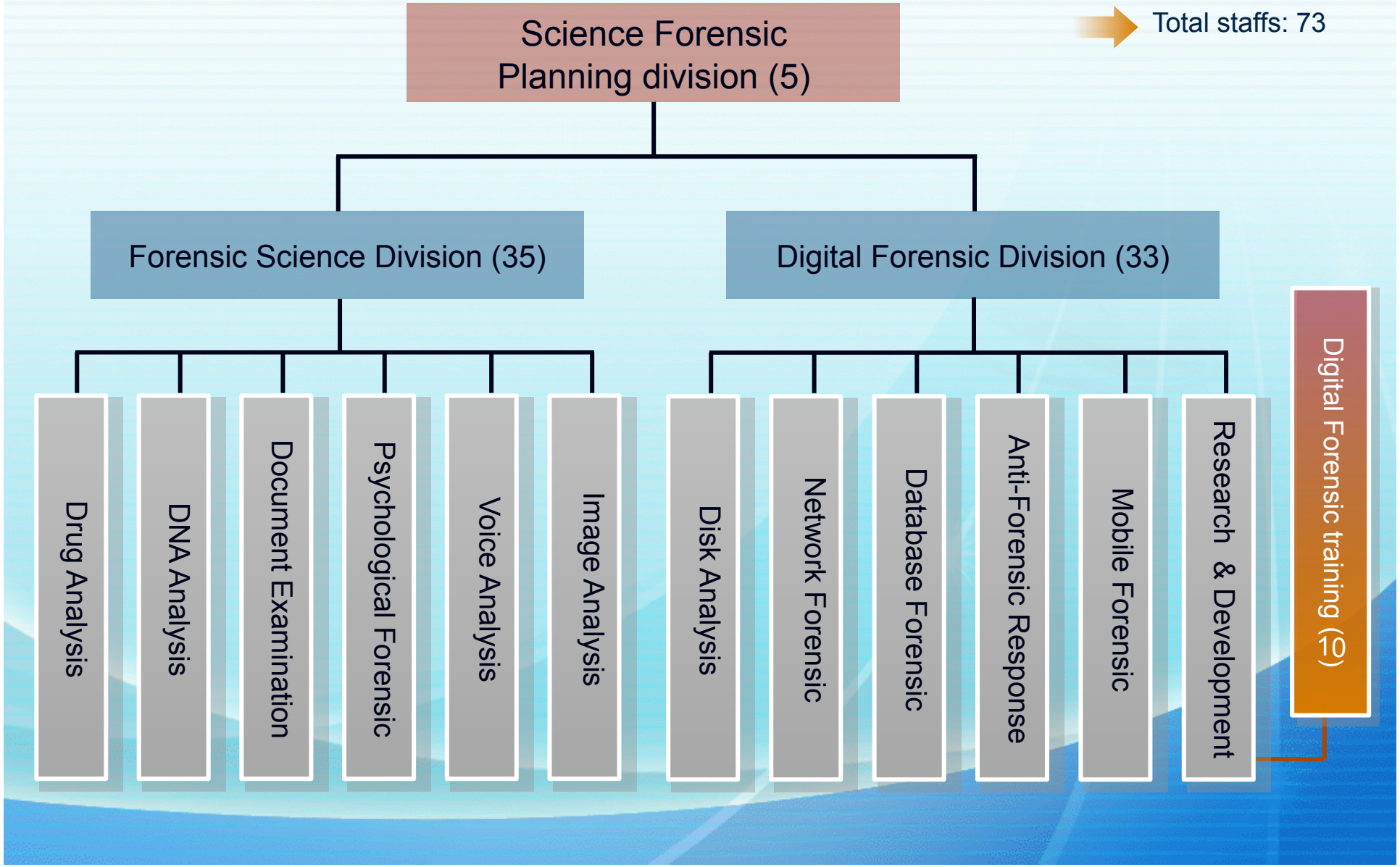
- Start construction

- Forensic Center completion

Digital Forensic Center Building

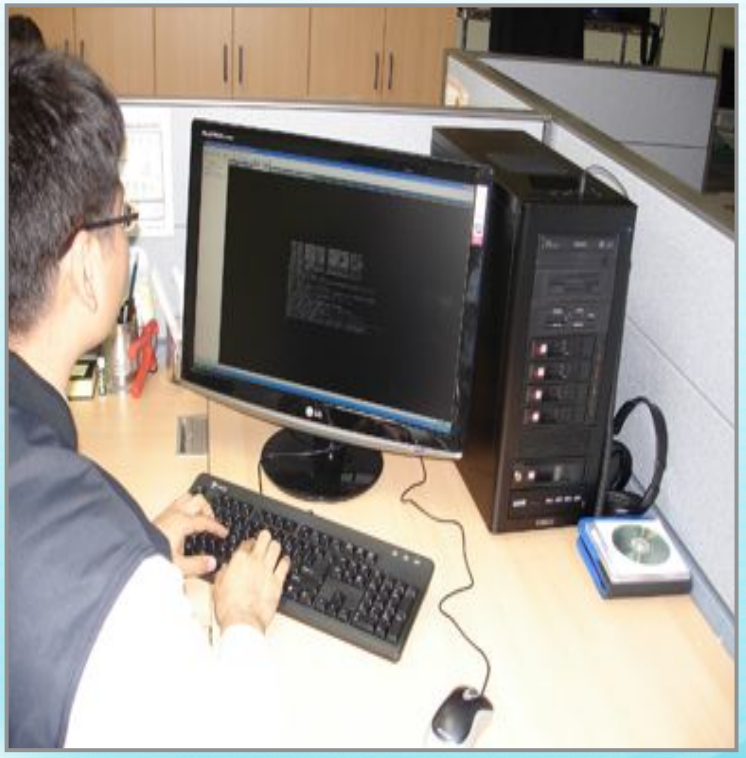


Digital Forensic Center Structure



Team Functions & Responsibilities

Disk Analysis Team



- Search, seizure, analysis and recovery of digital evidence from Computer hard disks

- Forensic Car

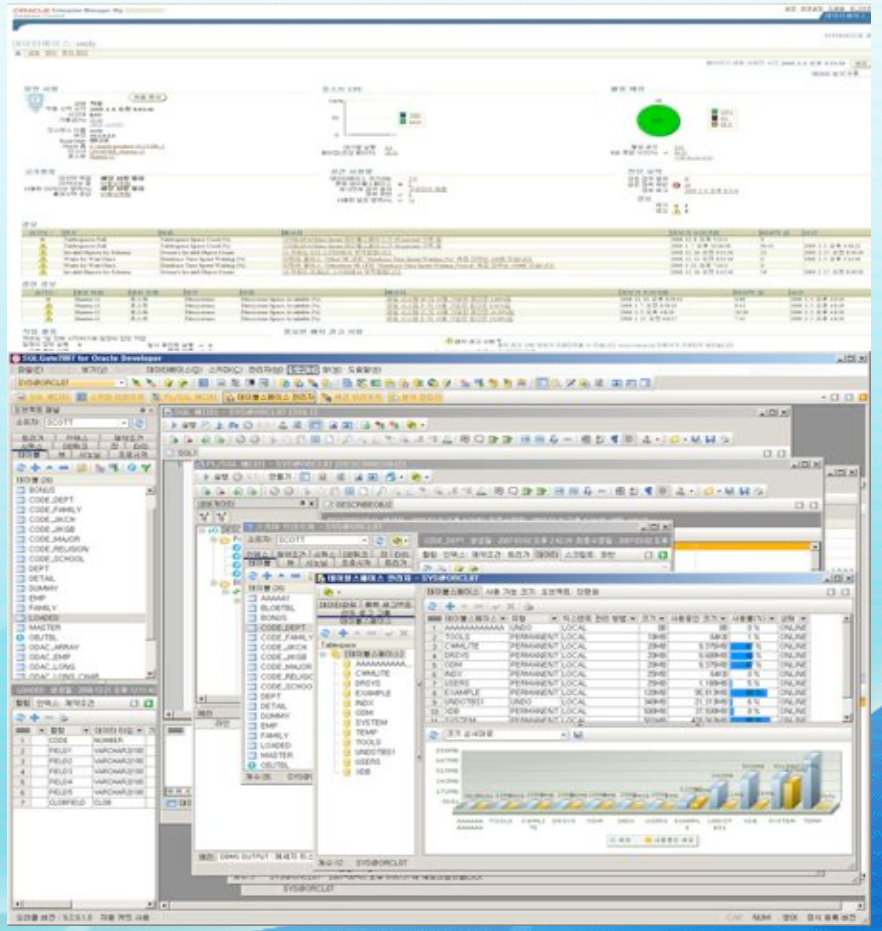
Team Functions & Responsibilities

Mobile Forensic Team

- Search, analysis and recovery of digital evidence from mobile phones, PDA or Smartphones.

Team Functions & Responsibilities

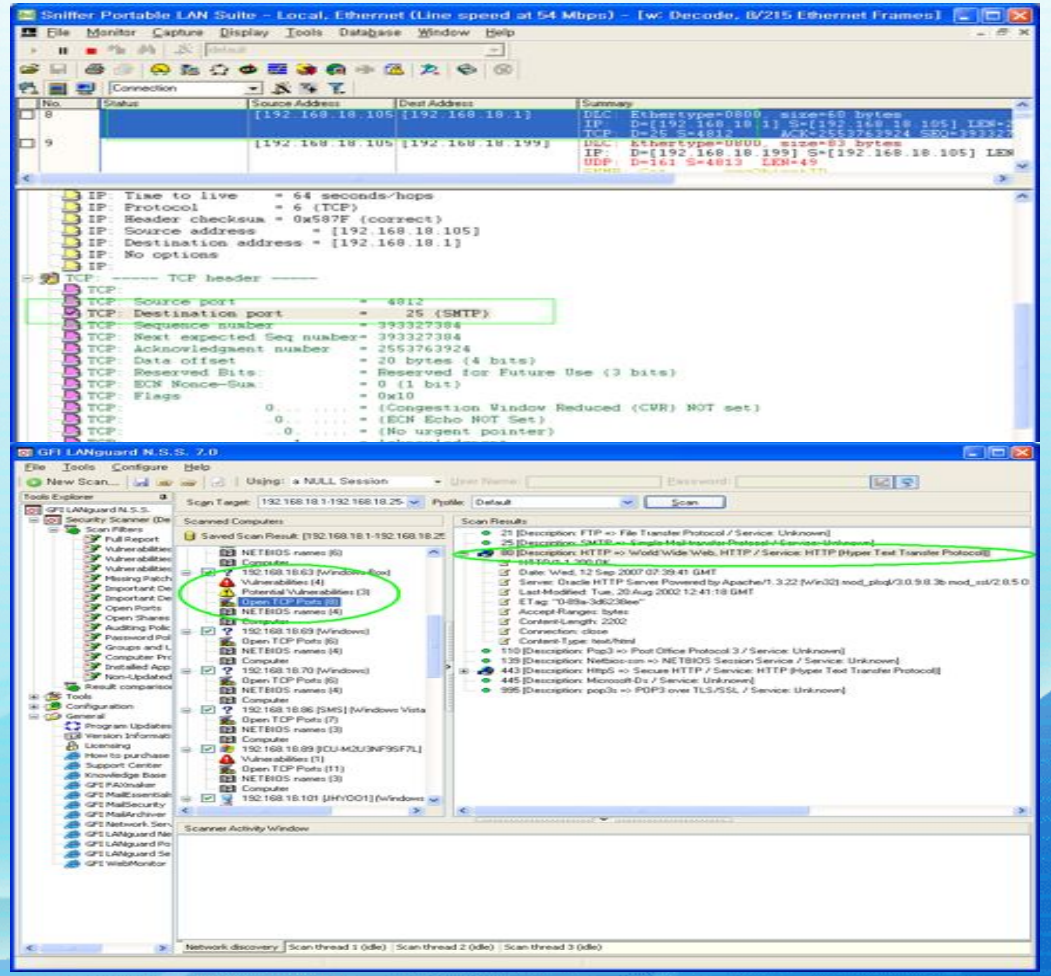
DB Forensic Team



- Analyzing Digital evidence such as Electronic accounting databases

Team Functions & Responsibilities

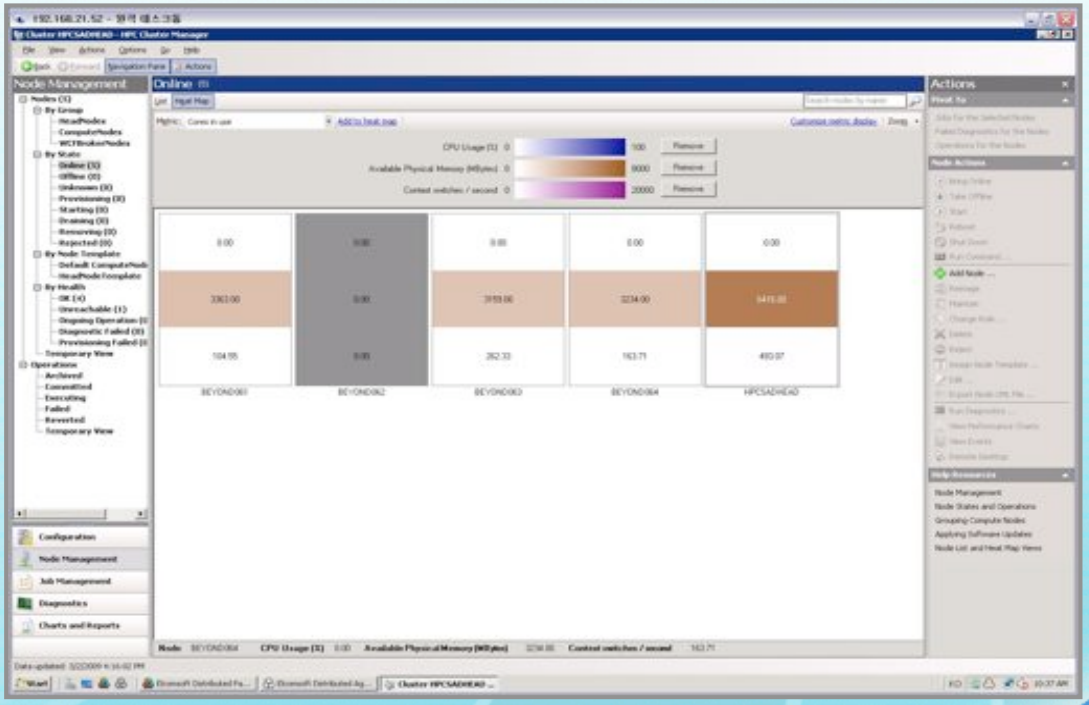
Network Forensic Team



- Tracking and Analyzing Cyber Crimes such as Computer Hacking

Team Functions & Responsibilities

Cryptography Team



- Research and Developing Cryptanalysis techniques & Decryption Tool♪

Team Functions & Responsibilities

DNA Analysis

- Identifying Criminals through DNA analysis of evidences from criminal scenes

Document Examination

- Examining the truthfulness of documents through analysis of letters, symbols, print of seals, ink and papers.

Team Functions & Responsibilities

Image Analysis Team

- Identifying video mortification signs, improving image quality

Voice Analysis Team

- Identifying recorded voices, improving sound quality

Team Functions & Responsibilities

Psycological Forensic Team

- Identifying the truthfulness of statements of criminals with psychological or biological methods.

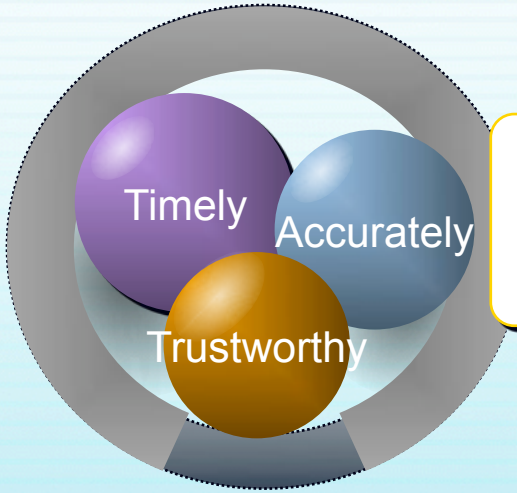
Drug Analysis Team

- Identifying drug intake, Examining drug ingredients

Investigation support cases

Items			cases			
			2008	2007	2006	2005
Digital forensic division	DISK	Desktop	1,375 sets	1,003 sets	1,394 sets	557 sets
		Laptop	262 sets	129 sets	185 sets	18 sets
		CD, DVD	291 sets	88 sets	468 sets	·
		Others	732 sets	273 sets	1,040 sets	·
	Database		82 times	70 times	82 times	·
TOTAL(Analysis)			**918 times (153.5TB)**	**461 times (151.4TB)**	**363 times (97.4TB)**	**88 times (30.7TB)**
Science forensic division	Drug		8,524	8,338	7,611	4,567
	DNA		4,616	1,401	2,884	949
	Psychology		2,872	2,458	2,418	2,479
	Document		4,940	3,539	4,637	2,133
	Voice		221	70	162	94
	Image		241	183	155	76
Grand total			**21,414**	**16,990**	**17,867**	**10,298**

Goals



Supporting
Science Forensics

Enhancing
Cutting-edge
Science forensics

Supporting field i
nvestigations

Developing science for
ensics techniques and
tools

Training forensic p
rofessionals

Thank you