

(HPCC)

- , , (CIC) -

李長載<sup>3)</sup>

가 (HPCC) 12 9 가  
 1 가 , , (CIC) HPCC HPCC 10  
 (Gore) ( ) 1992 1996 5 HPCC

(HPCC)

HPCC 1991 12 '1991  
 1992 가 1996 12 5 40 가

(HPC)

(ASTA)

가 (NREN)

(IITA)

(BRHR)

가 1,000 , ,  
 , 100 , .  
 (NREN : National Research & Education Network)'

'1992 가 가 1992 7 HPCC HPCC 2

, , (CIC)

가 10 1 HPCC HPCC , , (CIC)

HPCC

가 .

CIC 12 < 1 > , 1997 , 10 가 5

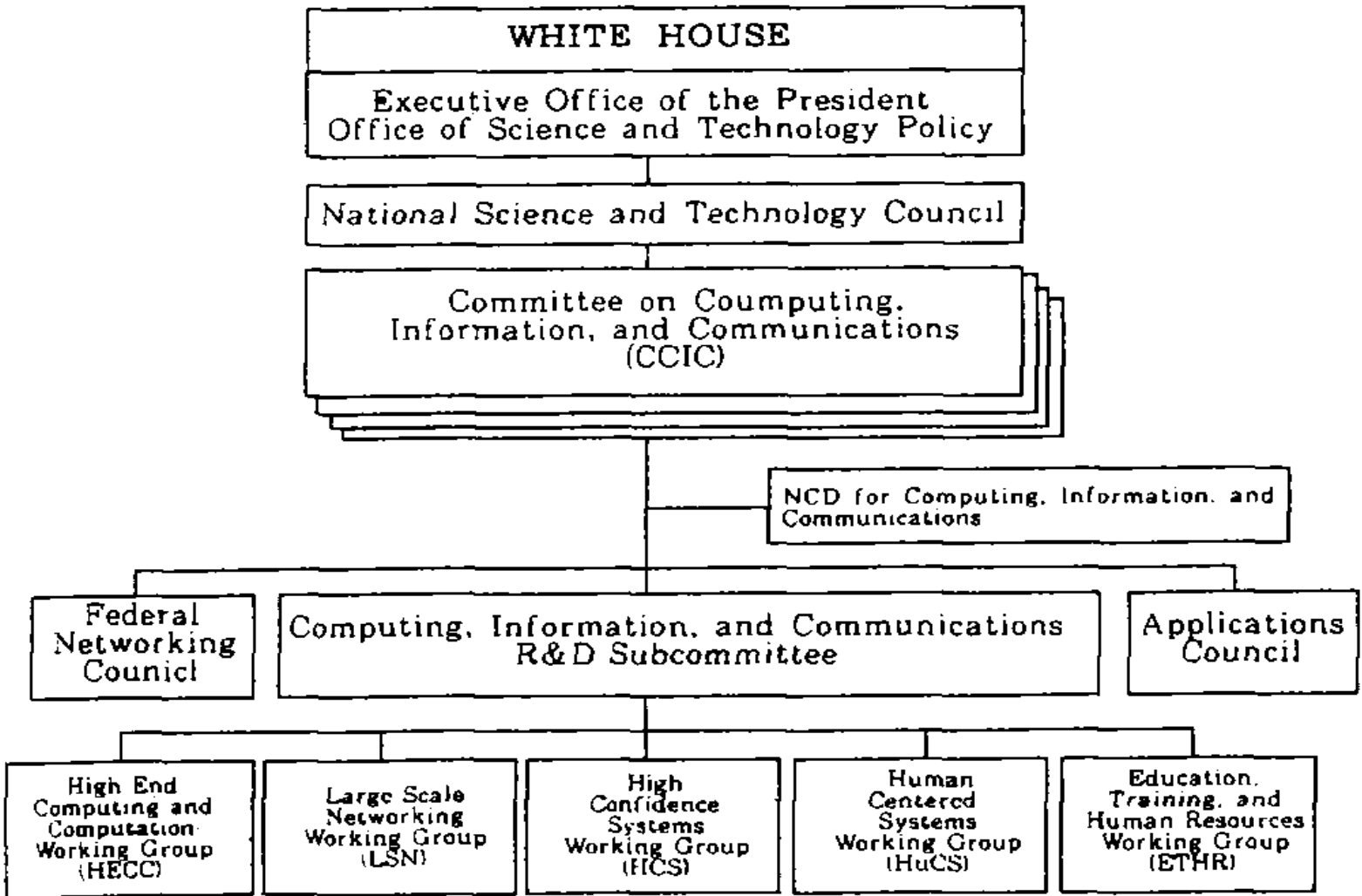
High - end computing and computation :

; ; , ; ;

Large - scale networking :

; (scalable distributed system) ; ; (routing) ; (multi - mode)

< 1 > CIC



High - confidence systems :

, , ; 가 ;

Human - centered systems :

(multi - mode) ; 가 ; ;

Education, training, and human resources :

; ; ;

HPCC

가  
CIC  
가  
(NSTC)가

(functionality) 가

5 HPCC  
< 2> (CIC)

- 국방첨단연구프로젝트청 (Defense Advanced Research Projects Agency: DARPA)
- 과학재단 (National Science Foundation: NSF)
- 에너지부 (Department of Energy: DOE)
- 항공우주국 (National Aeronautics and Space Administration: NASA)
- 보건연구원 (National Institutes of Health: NIH)
- 표준기술연구원 (National Institute of Standards and Technology: NIST)
- 교육부 (Department of Education: ED)
- 재향군인부 (Department of Veterans Affairs: VA)
- 해양대기국 (National Oceanic and Atmospheric Administration: NOAA)
- 환경보호청 (Environmental Protection Agency: EPA)
- 보건정책연구청 (Agency for Health Care Policy and Research: AHCPR)

가가  
가 (NII)  
CIC  
HPCC  
가  
가  
21  
1998 1  
10  
10  
가

- 1) , (Tel: 02 - 250 - 3074)
- 2) , (Tel : 02 - 250 - 3073)
- 3) , 「 」 (Tel : 02 - 250 - 3026)