基本概況 About the NCHC

The National Center for High-Performance Computing (NCHC) is a research institute under the National Applied Research Laboratories (NARL). The NCHC is Taiwan's only national-level center providing a large computing platform and an open networking facility to the domestic HPC communities. It integrates various information technology, science, and engineering to provide computing, networking, and storage services. The NCHC is also devoted to the development of middleware and cloud computing technology.

The NCHC has branches in the Northern (Hsinchu), Central (Taichung), and Southern (Tainan) Taiwan Science Parks, which enables it to successfully integrate its strengths and resources on a local level, as well as across all of Taiwan. As a result, the NCHC is able to fully and effectively support high technology research and industry development throughout all of Taiwan's HPC communities. In order to meet management benchmarks as well as to offer its customers superior HPC services, the NCHC received ISO9001 Quality Management certification and ISO27001 Information Security Management certification.

財團法人國家高速網路與計算中心（國網中心）為國家實驗研究院轄屬的實驗研究中心之一，擁有全台灣唯一共用之大型計算平台及開放研究網路，高度統整各資訊、科學與工程領域，提供計算、網路與儲存等整合服務。同時國網中心長期耕耘中介軟體研發，具備厚實之雲端運算能量，為國內深具雲端技術經驗之研究機構。

國網中心分於新竹、台中與台南科學工業園區設有據點，三大據點不但整合當地的優勢與資源，更將國網中心的服務擴展至全台，有效支援台灣整體高科技的研究與產業發展。為追求管理標竿、提供客戶優質服務，國網中心於2005年獲得ISO9001品質管理的認證，2006年獲得ISO27001資訊安全認證，並於2011年重新進行ISO驗證，再度通過「ISO 9001:2008品質管理及ISO 27001:2007資訊安全管理」國際認證。

目標與任務 Goals and Missions

The goal of the NCHC is to become an internationally renowned HPC center that promotes scientific discoveries and technical innovation. Service, research, and training are its three primary missions. Since its inception, the NCHC has provided various HPC, networking, and storage services in science and engineering to domestic academia, government, industry, and research institutions. The NCHC possesses rich experience, essential skills, highly flexible support, and customized services to assist its users in efficiently solving their HPC-related challenges.

「成為國際級高速計算中心，促成科學發現與技術創新」為國網中心發展的願景；「服務、研發和育才」則是國網中心的三大主要任務。自成立以來，國網中心提供國內學術界、研究界、官方和產業界各類科學與工程研究用之高速計算、學術研究網路和資料儲存等多項服務。國網中心並努力建置先進的高速硬軟體系統、規劃執行先導性科學與工程高速計算方法與應用研究、協助產官學研充分利用高速計算工具，及培育科學與工程領域之高速計算人才，以期打造成為一流的國際級高速計算中心，成為匯集國內外高速計算應用與經驗交流合作之基地。

History | 發展沿革

1988 The National Science Council (NSC) proposed the establishment of a national-level supercomputing center
國科會科技會議建議著手規劃國家級的高速電腦中心

1991 The Executive Yuan approved the establishment of the NCHC
經行政院核准成立，1993年新竹科學園區總部正式落成啟用

2003 The NCHC transformed from governmentally-funded institute into a non-profit research institute
改制為『財團法人國家實驗研究院高速網路與計算中心』

2005 The NCHC established branch office in the Southern Taiwan Science Park
增設台南科學園區據點

The NCHC received ISO 9001:2000
通過ISO 9001:2000品質管理認證及國科會科技組織績效評鑑

2006 The NCHC received ISO 27001:2005
通過ISO 27001:2005資訊安全管理認證

2008 The NCHC established branch office in the Central Taiwan Science Park
增設台中科學園區據點

2011 The NCHC received ISO 9001:2008 and ISO 27001:2007
通過ISO 9001:2008品質管理認證 與 ISO 27001:2007資訊安全管理認證