



SUCCESS STORY
Education



As artificial intelligence (AI) becomes increasingly important, many subsidiaries within the Far Eastern Group Limited wanted to use AI to strengthen their competitiveness. Yuan Ze University (YZU) was given the significant responsibility of assisting with AI development in the Group and then established the AI Innovation Center in 2018. NetApp FAS2750 storage has excellent stability, allowing valuable data to be properly protected while accelerating the execution of research projects.

Success of Yuan Ze University's AI Innovation Center Shows the Benefits of Academic/Industry Cooperation

The global wave of digital transformation is driving companies to proactively use innovative technologies such as AI, big data and IoT to optimize business processes or develop innovative services. YZU, ranked by The Times among the 250 best young universities in the world, has committed to cultivating talents in science and technology as well as making great strides in academic/industry cooperation. In 2018, the University established the AI Innovation Center, expanding the scope of its cooperation with companies in the Far Eastern Group. Highly reliable NetApp FAS2750 storage is used to store huge amounts of valuable data from AI computing projects to ensure that the various research projects can be completed on schedule. Now it has provided excellent results for this academic/industry cooperative project.

Best data management capabilities meeting the needs of **AI** projects

Add storage appliance **without interruption**

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“ When establishing the AI Innovation Center, YZU was very concerned about the stability and reliability of the information systems. The storage equipment purchased by YZU has a very good reputation and can also enable capacity expansion without downtime, satisfying YZU’s requirements.”

Shih-hao Fang, Professor in the YZU Department of Electrical Engineering and Special Assistant to the President

The benefits of NetApp adoption

1. Provide the best data management capabilities as well as the best data protection and access performance, meeting the needs of AI projects.
2. Enable software upgrades without impact on AI projects while simplifying the provision of applications and driving easy management of complex tasks.
3. Start small and expand storage capacity on demand, so companies can fully utilize valuable data and be able to add devices without interruption.

Shih-hao Fang, professor in the YZU Department of Electrical Engineering and special assistant to the university president, pointed out that global enterprises have now developed a consensus around using AI to develop diverse businesses and achieve a vision of digital transformation. With financial support from the Far Eastern Group, YZU purchased servers for deep learning and a NetApp FAS2750 to establish the pioneering AI Innovation Center and provide full assistance to digital projects for the subsidiaries in the Far Eastern Group. The stability of the NetApp FAS2750 is quite high, allowing valuable data to be properly protected while accelerating the execution of research projects. In terms of operations, the AI Innovation Center is very satisfied with NetApp’s performance.

The Operation of AI Projects Depends on a Highly Stable Infrastructure

With ability to grasp global trends and dynamics as well as to achieve outstanding performance in multiple industries, YZU is an important source of

professionals for the Far Eastern Group’s business operations. While AI matures, it becomes an inevitable core technology in many industries. Departments in YZU have started to offer AI-related courses and created small-scale AI computing platforms to meet teaching and research needs.

As AI becomes more important, many of the Far Eastern Group’s subsidiary companies want to use AI to strengthen their competitiveness. Therefore, in order to maximize the benefits of the Group’s resources, YZU has been given the significant responsibility of assisting the Group with AI development. So the AI Innovation Center was established in 2018.

According to Professor Shih-hao Fang, each subsidiary company has a lot of valuable data. However, if they develop their own AI projects, it will inevitably lead to scattered resources and poor results. In contrast, while the core AI technology was developed by YZU, each subsidiary company could cooperate with YZU to leverage industry outcomes and their own data to further industrialize AI technology and maximize benefits. When YZU started to establish the AI Innovation Center, it recognized that the stability of the underlying information architecture is very important. Therefore, it needed highly reliable and stable storage systems to support the operation of the AI project. With the help of Tai Win Technology, it ultimately chose the well known NetApp FAS2750 storage.

NetApp FAS2750 is the Best Choice for Meeting Future Data Growth Needs

The NetApp FAS2750 is designed for use in SMEs and branch offices. It offers the same stability and reliability as mid-to high-end models as well as a range of powerful data storage and management technologies that can reduce data complexity and improve the efficiency of data management personnel. This allows users to respond to changing storage needs in a cost-effective way, simplify the resource allocation for applications, and easily handle complex management tasks.

Selected NetApp Products

NetApp FAS2750

"The main tasks of the AI Innovation Center are to work on AI research projects and to take charge of various academic-industry cooperation projects," Professor Shih-hao Fang explained. "Thus the stability and reliability of information systems are critically important. In this project, we purchased high-performance storage with a good reputation in both academia and industry. This allows us to expand capacity without downtime and satisfy the development needs of the AI Innovation Center."

Establishing AI Leadership with Academic/Industry Cooperation

During the year since the establishment of the AI Innovation Center, the academic/industry project has already achieved quite good results. Professor Shih-hao Fang indicated that the subsidiaries in the Far Eastern Group possess a wealth of industrial data. By combining with appropriate AI technology, they have established cooperative relationships to meet consumer needs. For example, with Taiwan's aging society and the increasing focus on healthcare issues, YZU is cooperating with Far Eastern Memorial Hospital to launch a research project about assistive devices for long-term care. AI is used in multiple areas such as developing medical devices and even predicting illnesses. YZU strives to create proper application scenarios to capture the unlimited business opportunities of the smart healthcare market.

In addition, with the arrival of the Fintech era, the "Smart RM" project involving collaboration between YZU and Far Eastern International Bank uses AI technology to analyze customer preferences and then recommend required financial services. This can increase consumer loyalty to the bank.

With the emerging benefits of the AI Innovation Center, the development of academic/industry cooperation is also diversified. In YZU's future plans, cooperation with subsidiary companies in the Far Eastern Group will continue to expand, replicating successful models while seeking opportunities to cooperate with other companies so YZU can contribute its talent development capabilities to AI innovation. Winning the Leading Position

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