

# ZABBIX

# Zabbix and the Zhongnan University of Economics and Law

## A case study



## Client

ESTABLISHED  
**1948**

LOCATION  
**Wuhan, Hubei, China**

ACADEMIC STAFF  
**1,173**

STUDENTS  
**APPROXIMATELY 30,000**

Zhongnan University of Economics and Law (ZUEL), located in Wuhan City, Hubei Province, China, is a key university with two campuses - Nanhu and Shouyi.



# Challenge

As the information infrastructure at ZUEL continues to expand, the university found itself needing a monitoring and management system that could cover all its IT resources and address the growing complexities of operational maintenance. This led them to adopt Zabbix 7.0 and develop a custom IP Radar platform.

# Solution

When combined with Zabbix 7.0, the IP Radar system achieves comprehensive monitoring and management of the university's entire IT infrastructure through the integrated application of multiple monitoring protocols and technologies, including Zabbix 7.0, parallel monitoring with multiple protocols, high-availability design, and the self-developed IP Radar platform.

The IP Radar platform itself contains a variety of unique and innovative features, including comprehensive monitoring coverage, customized monitoring strategies, intelligent alerting and automated handling, and network security monitoring.





# Results

After implementing the Zabbix-based system, ZUEL was able to measure a wide range of monitoring performance improvements, including improved operation and maintenance efficiency, enhanced system stability and reliability, and advanced detailed information management.

The IP Radar monitoring and management system developed by ZUEL and based on Zabbix 7.0 has become the largest, most widely used, and most effective (in terms of the volume of monitored data) in the Chinese education sector.

# Conclusion

The IP Radar system is poised to expand its functionalities further by integrating more intelligent operation and maintenance management tools. Through the introduction of emerging technologies such as big data analysis and artificial intelligence, the system will achieve more breakthroughs in areas like automated operation and maintenance as well as intelligent fault prediction.



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