Ningbo Polytechnic sharpens its competitive edge by maximizing resources using IBM technology.

Overview

Ningbo Polytechnic
Ningbo, China
www.nbptweb.net

Industry
- Education

Employees
- 600

Products
- IBM WebSphere® Message Broker for Multiplatforms
- IBM WebSphere Process Server
- IBM WebSphere MQ
- IBM WebSphere Application Server Network Deployment

IBM Business Partner
- Huajian Electronics Co., Ltd.

Ningbo Polytechnic (NBPT) is a full-time public higher polytechnic educational institution approved by the Ministry of Education of China, honored as a key regional Reference Polytechnic under construction by both the Ministry of Education and the Ministry of Finance of China. The institution has more than 10,000 students and a staff of 600. IT plays an important role in campus operations.

Challenge

After being recognized by the Chinese government as a model university, NBPT saw a steady increase in enrollment that outpaced its technology. To manage student affairs, staff routinely accessed 26 separate applications and updated data manually—a time-consuming effort. If NBPT did not find a way to more easily access data to support administration processes, the university risked hindering its growth and, even worse, placing its leadership rank in jeopardy.

Solution

IBM and IBM Business Partner Huajian Electronics Co., Ltd. delivered an integrated digital campus solution built on a service-oriented architecture (SOA). With the SOA, staff and students throughout the university can collaborate dynamically via integrated campus applications to share information and stay better informed.

Benefits

- Enables 600 staff to support 24,000 students—less than one-third the staff size of schools with a similar number of students
- Helps secure the university's leadership position by creating a digital campus that can be easily replicated to other schools
- Streamlines administrative burdens, enabling the university to grow by 8,000 students without needing additional administrative resources

"With the improved efficiencies offered by our new SOA, we can support even more students without having to invest in additional resources, helping us to remain a clear educational leader."

—Pingyao Wang, chief information officer, Ningbo Polytechnic

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