



# PeopleSoft Campus Solution Successfully Rolled out

[ Case Study ]

## Profile:

- Non-profit
- Joint venture between Saudi Aramco and the TVTC

## Issues:

- Need for a world class IT and management solution

## Challenges:

- Absence of business users
- No institutional memory

## Advantum's role:

- System and domain consultancy
- Close coordination with NITI staff throughout process design and system implementation

## Benefits:

- First batch of over 300 trainees
- Custom built online application



### About the Institute:

National Industrial Training Institute (NITI) is a non-profit organization, established to provide world class training programs to facilitate and train skilled Saudi workforce. NITI is a joint venture between Saudi Aramco and the Technical & Vocational Training Corporation (TVTC). NITI offers industrial training mainly in Oil / Gas, Petrochemical, Energy and Construction industries, in addition to their various related Services Companies. NITI is located in different physical sites at Dhahran, Al Hasa and Hofuf.

### Issues at hand:

NITI management wanted a world class information technology and management solution in place before the institution started functioning. The systems that the institution was looking at covered the full gamut from information technology and systems to information management.

Some of the solutions that they needed were:

- **Information Technology:** hardware and networking;
- **Information Systems (office automation):** Microsoft suite of products;
- **Information Systems (business automation):** world-class student ERP solution, learning management system, core HR and financial systems;
- **Information Management:** document management, aspects of data warehousing and business intelligence; putting into place the infrastructure and plans for knowledge management down the road.

After a rigorous selection process, Advantum was chosen as the partner to provide NITI with all of the above solutions.

### Challenges faced:

Contrary to conventional wisdom, implementing an ERP solution at a greenfield site is not simple at all: it offers a whole different set of challenges. Some of the obstacles faced by Advantum were:

- Absence of business users/subject matter experts who could identify the exact requirements of the various business processes. Subsequently, policies and procedures pertaining to the project were not clearly defined and this resulted in a number of iterations.
- Working with a client who was also learning and open to a lot of ideas meant that it was a challenge to get everyone to agree to a 'best' practice.
- Since many of the staff had been hired recently, there was no institutional memory as such; many of the staff were not familiar with IT systems and solutions.

### Advantum's Role:

- Advantum provided system and domain consultancy to NITI with defined processes and a full-fledged system implementation.
- Advantum's team worked very closely with NITI staff during the system implementation and process design phases; that meant that they had to shepherd the process along very patiently.

### Achievements, Benefits and Current Status:

- PeopleSoft Campus Solutions was successfully rolled out at NITI with a custom-built online application solution. The system was integrated with Sakai (Learning Management System) and KOHA (Library Management System).
- Advantum successfully deployed Oracle e-business suite for core Financials, HR and Supply Chain.
- There were a number of successful Middleware Integrations including SharePoint Intranet Portal, Kofax Document Capture System, Active Directory-LDAP and MS Exchange.
- Advantum provided the infrastructure hosting for all of the above software solutions.
- The first batch of over 300 (three hundred) trainees, and the administrative and teaching staff, are all currently using the systems implemented and rolled out by Advantum.

### Future Plans:

NITI plans to leverage on the current set of information technology and systems solutions and rollout the following systems in the coming months:

- IDM (single sign-on) solution
- Physical Security Solutions
- Bespoke solution for Residence Management
- Business Intelligence Solution
- Mobile App for both Android and iOS platforms to link to the core ERP solutions.