

## SAP System Landscape Recommendations



- **The SAP system landscape should enable you to:**

- **Protect application data using:**
  - ◆ **Client roles**
  - ◆ **Authorization concepts**
- **Perform development, quality assurance, and production activities in separate environments to ensure:**
  - ◆ **Consistency of Repository objects**
  - ◆ **A secure and stable production environment**

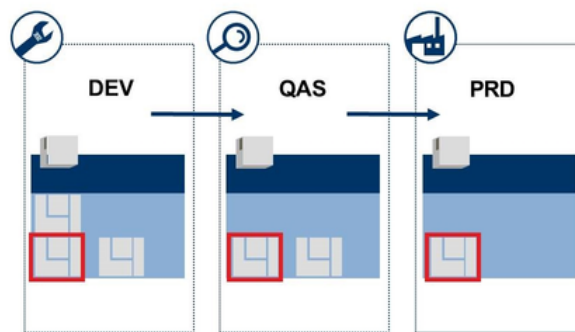


Figure 26: SAP System Landscape: Aims

To maintain data security, you should protect application data by using the client concept, which separates data according to clients, and the authorization concept, which separates data within one client according to the users.

In addition, you should strictly separate the environments for development, quality assurance, and production.

The stability and performance of the production client should not be affected by development and test activities in other clients.

Changes to repository objects are client-independent, and immediately affect the business functions and processes. Therefore, changes have to be tested before being transported to the production system.

If you had only one SAP system, no further development would be possible after production had started. Changes to repository objects could only be made when production operations were stopped for development and testing.

A two-system landscape is not optimal, because both development and quality assurance testing take place in the development system.