

ANNEX 6: Technical IT Standards and Considerations

The design of the solution must follow UNAIDS IT standards.

Rule 1: UNAIDS uses a virtual environment cluster that hosts its development, stage and production Windows Servers. Virtual server requirements can be tailored based on the load of solution. Therefore, UNAIDS will not propose any **physical machines** for hosting.

Rule 2: the complexity of the proposed solution must be appropriate to UNAIDS IT availability, capacity and knowledge to maintain the system. For the time being, one UNAIDS IT person can be dedicated part time to follow the project, conduct the test acceptance and be responsible for its maintenance.

Supported Technology:

Web server:

- Windows Server 2003 platform with latest service pack
- IIS 6 and its components (FTP, SMTP)
- ASP.NET Framework 1.1, 2.0, 3.0, 3.5
- PHP 5.3

Database server:

- Windows Server 2003 platform with latest service pack
- SQL Server 2008 (and Reporting Services 2008)
- My SQL 5.1

Mail server:

- Microsoft Exchange 2003

Desktop client:

- Windows XP, Windows 7
- Internet Explorer 8
- Microsoft Office 2003 and Outlook 2003
- .NET Framework 1.1, 2.0, 3.0, 3.5
- Java Standard Edition 6

Potential UNAIDS application dependencies:

UNAIDS website: Based on Terminal 4 CMS platform (commercial product)

UNAIDS Intranet website: Based on Drupal 5 CMS platform (open source)

Shared file storage: Each department within headquarter is assigned a location on a network to store the department's data; the data is shared with read/write permission between all staff in the department and read only permission for all UNAIDS staff.

Enterprise Resource Planning (ERP) System: The ERP System (Oracle) is provided, fully monitored and managed by World Health Organization (WHO). However, UNAIDS can access some read-only data views using SQL Server databases interfaces.

Note about non-supported technology:

If the proposed architecture relies on custom software or technologies other than the ones mentioned above, UNAIDS may accept the hosting of such solution if **all the criteria below are met**:

- the proposed solution can be deployed on UNAIDS virtual Windows Server environment (see Rule 1)
- the solution can be considered as a out-of-the-box software without customization
- system deployment and integration is reduced to a minimum level
- easy upgrades of the system, backward compatible and no impact other system dependencies
- the proposed solution maintenance costs fits UNAIDS' IT capacity to maintain the system (see Rule 2)