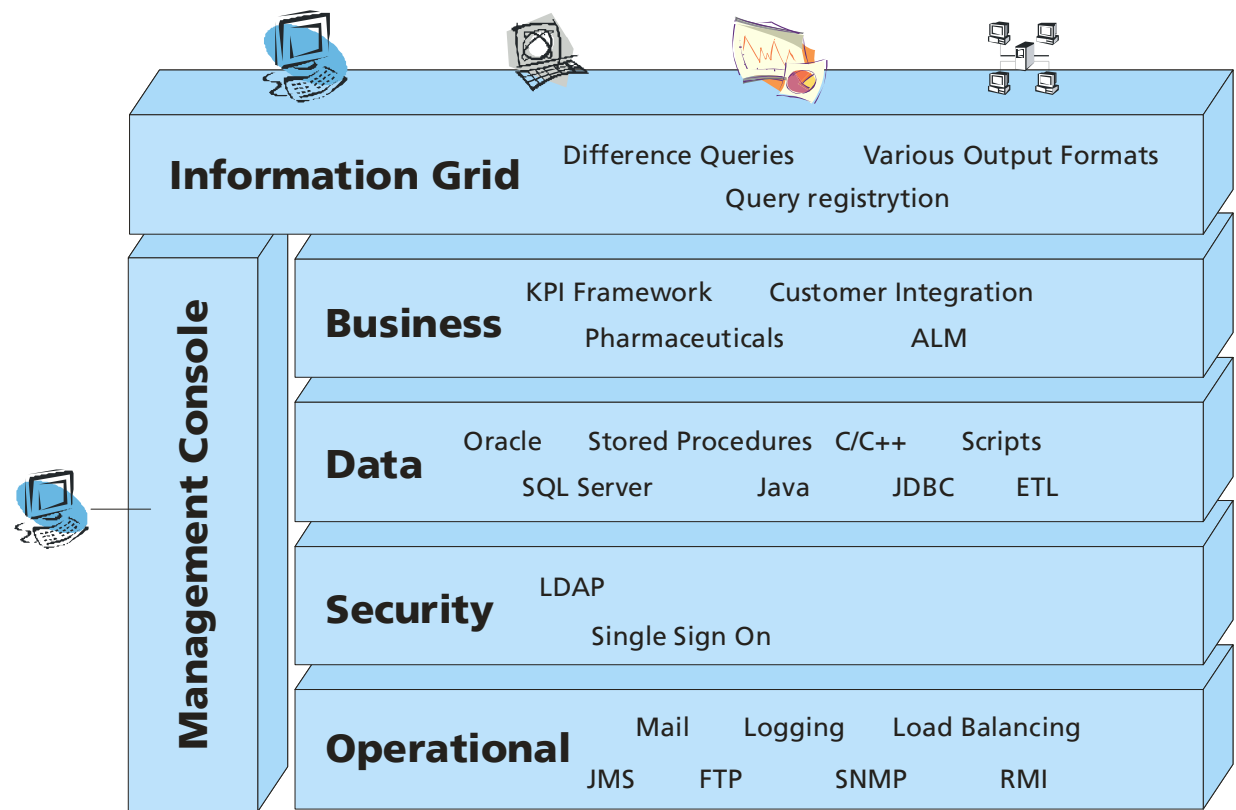


# Information Grid Technology Overview



Information Grid Server is purely based on J2SE 1.4.2 and on widely used Open Source components. Here is a short overview of the used technology.

The core system is a message oriented middleware based on pure java. The code triggered by a message is J2SE based as well but it can also be platform dependent shell scripts. The components provided by the core system are the following:

- Message store and forward: JMS, directories, RMI, FTP, Mail
- Logging: Log4J Version 1.2.8
- SNMP: Sending V1 or V2 traps to a SNMP console
- FTP: using commons-net project of the apache foundation
- Mail: communication over POP3, IMAP or SMTP with the J2EE module provided by SUN
- LDAP: Based on JNDI provided with J2SE

The Data Server adapters are pure Java as well.

- Relational Data: JDBC 2.0 compliant drivers
- Database procedures: supporting Oracle PL/SQL
- Mapping and value translation using pure java interfaces

Publishing Services consist of the following technologies:

- Excel XP and 2003 publishing based on pure java XML publishers
- PDF Publishing with apache fop-processor
- Chart and graphic generation with JFreeChart and apache batik
- HTML publishing with pure java modules

Client Connectivity is based on J2SE as well

- Excel connectivity based on TCP and UDP. Compatible with Office XP and 2003
- WebClient connects to a servlet container like apache Tomcat or any other J2EE compliant servlet container.

### **Platform Support**

Based on the above mentioned exclusive use of J2SE and J2EE components, the InfoGrid Server is running on the following platforms, even in a mixed environment.

|                       | <b>InfoGrid Business Server</b> |
|-----------------------|---------------------------------|
| Windows NT 4.0 SP6    | Yes <sup>1</sup>                |
| Windows 2000 SP3, SP4 | Yes <sup>1</sup>                |
| Windows Server 2003   | Yes <sup>1</sup>                |
| HP UX 11.11           | On request <sup>2</sup>         |
| IBM AIX 5L 5.1        | No                              |
| Sun Solaris 5.8       | Yes <sup>1</sup>                |
| Linux Suse            | Yes <sup>1</sup>                |
| Linux Debian          | Yes <sup>1</sup>                |
| Linux RedHat          | Yes <sup>1</sup>                |

No: Systems are not evaluated yet.

<sup>1.)</sup> InfoGrid Standard Platform

<sup>2.)</sup> Does not support the Intel® Itanium™ processor (64 bit)