

Blue Ant

System requirements & technology



With Blue Ant, you can flexibly design and process information at technical and organizational levels. The basis of Blue Ant's technology is an open-system world. It is suitable for use with UNIX, Windows and Linux versions on all major hardware platforms, and in client-server architectures. The common database, accessible to all users, can be managed and coordinated with various standard database systems.

System requirements

Server

Operating system	Windows from 2008R2 server 64 bit Linux 64 bit Unix 64 bit
Database system	Oracle from version 10 MS-SQL server from version 2008R2 PostgreSQL from version 10 (recommended for best performance)
Web server	Apache/Tomcat 9
Run-time environment	Java SE Development Kit (JDK), Version 17 (Oracle or OpenJDK)

Hardware

approx. 50 users	2.8 GHZ Quad-CPU or higher 128 GB SSD/RAID or similar 8 GB RAM or higher
approx. 200 users	3.2 GHZ Quad-CPU (2x) or higher 256 GB SSD/RAID or similar 16 GB RAM or higher
approx. 500 users	3.2 GHZ Quad-CPU (2x) or higher 256 GB SSD/RAID or similar 20 GB RAM or higher
Network	Minimum 1 Gbit/s

Client

Web browser	Google Chrome current version Mozilla Firefox current version Microsoft Edge Apple Safari current version
Monitor resolution	1.920x1.080 pixels recommended

Technology

Multi-lingual basic system

- XML/XSL parser for generating HTML, PDF, CSV
- Session management (memory and user control, auto logout)
- Navigation via browser (menu, favorites, help, login/logout)
- Integrated report generator
- Data export/data import (XML)
- High security standard
- Configuration via browser

Rights management

- Definition of rights profiles down to screen element level (screens, entry fields, buttons, navigation)
- Assignment of rights for groups and users

User management

- Automatised registration
- Group management
- User monitoring (view of active users)
- Definition of user profiles
- Matching with LDAP/AD server
- Master data management
- Customizing of all master data via browser
- Management of master data in multiple languages
- Definition of own screens and fields