

# 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 2016 server 64 bit Linux 64 bit Unix 64 bit
Database system	Oracle from version 19 MS-SQL server from version 2014 PostgreSQL from version 12 (recommendation)
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