



# Communication and Processes

New Generation of Communication Server Assures Reliability in Future

inubit AG – Member of Bosch Group



# Communication Server. Process Platform. Long-term Reliability.



*"In order to offer our patients first-class care, we constantly review our internal processes and make intensive use of state-of-the-art technology. This enables us to operate 14 hours a day, six days a week. This means we can make 30 to 40 percent more interventions than the average with the same resources."*

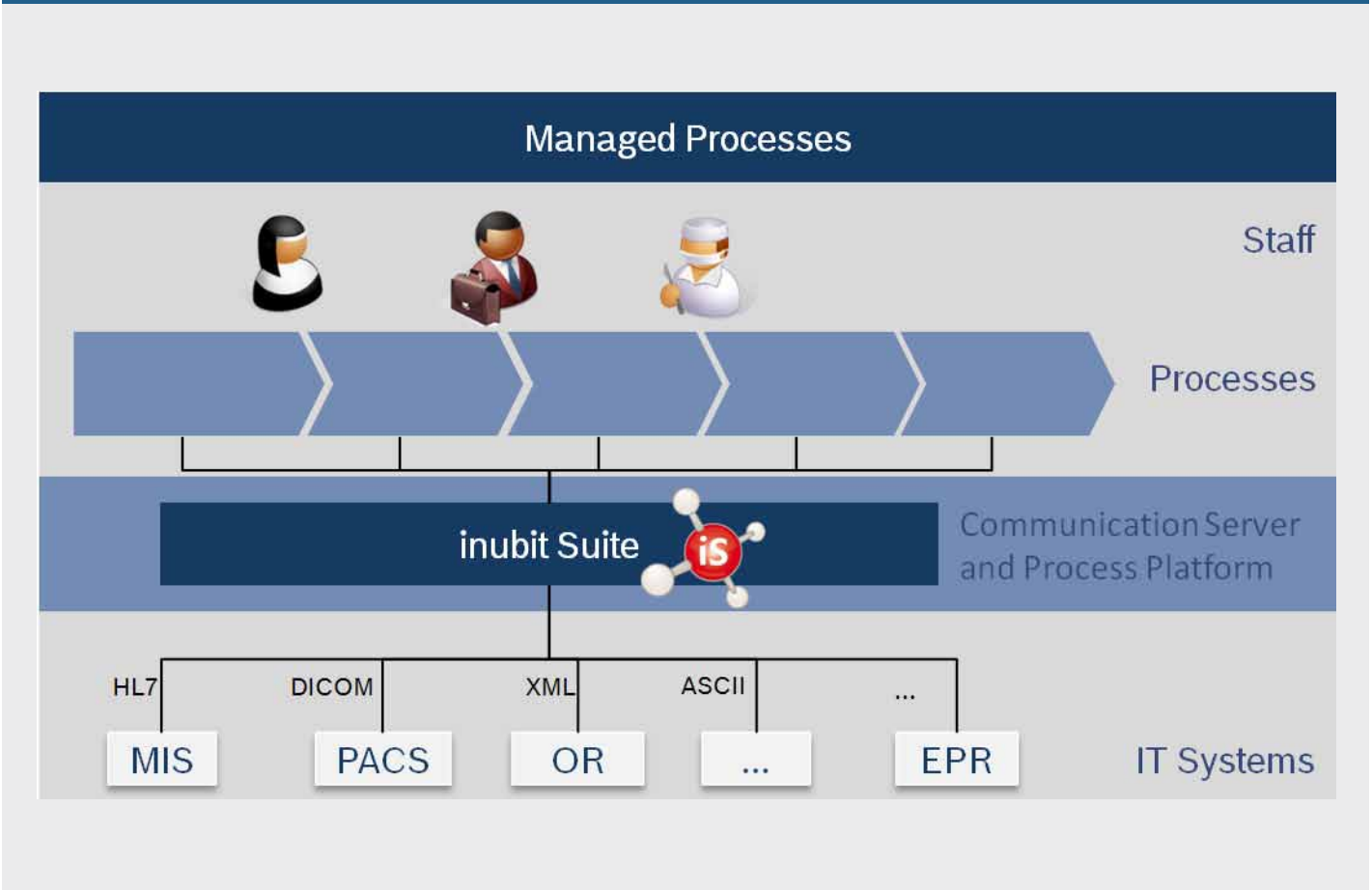
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The ORchestrator, which is based on the tried-and-tested inubit Suite, is a centralized process management platform that gathers together all hospital processes and integrates existing IT systems, and being a new generation of communication server, makes your hospital IT system fit for the future.

As a central platform, it connects your existing IT systems, controls communication between the internal and external systems and provides a basis for ongoing process optimization and automation in hospitals. It allows hospital processes to be designed, controlled and monitored with maximum efficiency, improves quality and reduces costs.

- ▶ Communication server to synchronize all relevant IT systems, such as EPR, HIS, RIS, PACS and AIDA
- ▶ Centralized configuration, control and monitoring of all communication processes
- ▶ Connects internal IT with external IT systems such as laboratory systems, referral portals and health insurers
- ▶ Can be used as a process management tool for defining and simulating clinical paths
- ▶ Centralized control and monitoring of hospital processes

## ORchestrator basing on inubit Suite: Central Communication and Process Platform





## Powerful Features of the ORchestrators

The ORchestrator is a powerful and up-to-date communication and integration server. By joining together interfaces, communication paths and process management on a single platform, it enables you to set your IT environment up for the future, guarantees fast and efficient communication at the hospital and lays the foundations for constantly optimizing your processes.

### System integration and data communication

- ▶ All relevant IT systems can be integrated using system connectors, including AGFA Orbis, AIDA, AS/400 / iSeries, Axapta, Baan, fdKlinika, ITA Archiv, IXOS, Jboss MQ, LDAP, Livelink, MFGPro, Medistar, Microsoft MQ, MQ Series, MS Exchange, Navision, NEXUS, SAP ERP, SAP R/3, SAP IS-H med, Saperion, Secrypt, Selenium, Sonic MQ and Websphere MQ
- ▶ Supports various databases including IBM DB2, MS SQL, MySQL, Postgres, Oracle, XML-DB, and others via JDBC, ODBC
- ▶ Electronic data exchange via HL7, ANSI-X.12, EDIFACT, EDIINT AS1, EDIINT AS2, xDT, IDoc, WebEDI
- ▶ Communication via COM, DCOM, DICOM, Fax, ICCP, ISDN, LU 6.2, OFTP, OFTP 2, OPC, SMS, Voice, X.25, X.75, X.400
- ▶ Supported protocols: ftp, ftps, sftp, http, https, IMAP, JAAS, Java Reflection, JMS, JCA, MAPI, POP3, REST, SMTP, SNMP, SOAP, TCP/IP, XML-RPC, VFS, WebDAV, WS-\*

### Complete process management

- ▶ Graphical modeling of clinical paths in the BPMN 2.0 standard
- ▶ Simulation of defined hospital processes to detect critical situations in good time
- ▶ Technical implementation of process and centralized management of workflows
- ▶ Portal- and process-based integration of clinic staff in hospital processes, thus reducing manual tasks and improving the quality of treatment
- ▶ Continuous web-based process monitoring
- ▶ Management information displayed using dashboards

### What's special about ORchestrator

ORchestrator is the starting point for more efficient hospital processes. Optimum integration of your existing IT environment, secure communication of highly sensitive patient records and the ability to define processes and their subsequent technical implementation step by step are all factors which will make your hospital an attractive partner with a sound economic future in the health market.

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inubit AG is a leading provider of holistic process management solutions. From the inubit Suite as the technological backbone, to BPM methodology and a wide range of services, inubit supports companies in all phases of business process management. To achieve sustainable results, inubit merges the requirements from IT and business departments and implements them in continuously applicable products and solutions with a good price-performance ratio.

inubit is present in over 10 countries with its regional companies and local partnerships and has more than 450 customers worldwide. Since October 2011, inubit AG has been a company of the Bosch Group.

More information at **www.inubit.com**

