Platform for Enterprise Integration

FASTER TIME-TO-MARKET
Talend delivers the only unified platform for business process management, application integration and data management allowing firms to increase business productivity, deliver projects faster, and lower operating costs.

What it Does

Increases IT Productivity, Lowers Operation Costs
Talend introduces a holistic approach to SOA, enabling IT organizations to converge traditionally disparate integration efforts and practices through a common set of products, tools and best practices. Based on best-in-class open source technology, Talend combines common graphical tooling, repository, deployment, execution and monitoring capabilities, allowing organizations to rapidly take advantage of more applications and data resources than ever before.

How it Works

Robust, Flexible, Holistic Integration

Unified Eclipse-based Tooling
A single, Eclipse-based tooling environment allows users to model, configure, test and deploy solutions that combine data integration, data quality, application integration and business process management. This speeds time to deployment by eliminating lengthy learning curves. Developers can quickly build integration jobs; data profiles; a master data hub; and implement web services, data services, REST applications and messaging routes.

Extensive Connectivity
Talend speeds development across complex, heterogeneous environments through support for over 450 connectors to all types of sources including big data, databases, packaged applications (ERP, CRM, etc.), SaaS and Cloud applications, mainframes, files, Web services, data warehouses, data marts, and OLAP applications.

Team Collaboration
The Talend repository facilitates best practices and collaboration across application integration and data management projects by storing development and operations artifacts – such as projects, integration patterns, metadata and other items – and allowing them to be shared among a team of developers or administrators.

Comprehensive Management and Monitoring
Talend facilitates the administration of production environments by providing activity monitoring and analysis to introspect and report on integration jobs, web services, master data hubs and REST applications. Administrators use one graphical tool to monitor the activity of any job, service, or application. Events are easily monitored with drill-down capabilities for in-depth analysis. Talend speeds deployments and upgrades through a centralized deployment console enabling organizations to rapidly respond to change requests.

Talend brings together data and services integration in a single unified platform, making it easy and fast for kleertjes.com to develop and deploy data services for all our integration needs.

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Enterprise Integration

Talend Enterprise ESB is a reliable and scalable enterprise service bus. Talend Platform for Enterprise Integration adds business process management and data quality functions into a highly scalable and available architecture.

### Features

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<th>Talend Enterprise ESB</th>
<th>Talend Platform for Enterprise Integration</th>
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<tbody>
<tr>
<td>Eclipse-based Development Tooling</td>
<td>✓</td>
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<tr>
<td>Service Creation and Enablement</td>
<td>✓</td>
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<tr>
<td>Enterprise Integration Patterns and Transformation</td>
<td>✓</td>
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<td>Team Collaboration with Shared Repository</td>
<td>✓</td>
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<tr>
<td>Messaging and Publish/Subscribe</td>
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<td>BPMN Process Modeling and Versioning</td>
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<tr>
<td>Big Data, Hadoop Support</td>
<td>✓</td>
<td>Optional</td>
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<tr>
<td>Data Cleansing, Profiling and Matching</td>
<td>✓</td>
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<tr>
<td>High Availability, Load Balancing and Failover</td>
<td>✓</td>
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<td>Indemnification/Warranty</td>
<td>✓</td>
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<tr>
<td>Talend Support</td>
<td>Gold</td>
<td>Platinum</td>
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### Specifications

**Platform for Enterprise Integration**

Talend supports the following standards, third party components, products and operating systems. For detailed information, please reference the product installation document and release notes.

**SUPPORT FOR STANDARDS AND APIs**

- BPMN 2.0 - Business Process Model and Notation (BPMN) version 2.0, supporting basic or advanced notation
- Import process models defined in: BPMN2, JBP3 and XPDL
- Documentation can be generated in different formats (.doc, .ppt, .rtf, .pdf).
- Manage process data in multiple formats including Java Objects, XML, and attached documents
- Supported APIs include: Java-based API, EJB2, EJB3 and REST for custom application development
- LDAP synchronization tool automatically and regularly updates user profiles and groups based on an LDAP or Active Directory organization
- JAX-WS - Java API for XML-Based Web Services (JAX-WS) 2.2 - JAX 2.0
- Web Services Metadata for the Java Platform - JAX-RS 1.1 / 2.0 - The Java API for RESTful Web Services - JSR 311
- SAAJ - SOAP with Attachments API for Java (SAAJ) - JSR 67
- WS-I support: Basic Profile 1.1, Basic Security Profile 1.1, Quality of Service: WS-Reliable Messaging 1.1
- Metadata: WS-Policy, WSDL 1.1 - Web Service Definition Language
- Messaging Support: WS-Addressing, SOAP 1.1, SOAP 1.2, Message Transmission Optimization Mechanism (MTOM)
- Authorization Policies: XACML 2.0

**SUPPORT FOR WEB SERVICES**

- Bindings: SOAP, REST/HTTP
- Data bindings: Aegis, JAXB 2.2, SDO, XMLBeans, JIBX
- Formats: XML, JSON
- Transports: HTTP, Servlet, JMS, UDP and many others via the Camel transport for CXF such as SMTP/POP3, TCP and Jabber or using a Talend ESB Route in between.
- Extensibility API allows additional bindings for CXF, enabling additional message format support such as CSV and fixed record length

**FLEXIBLE DEPLOYMENT**

- Lightweight containers: deploy services in OSGi (Talend Runtime), Apache Tomcat or Spring-based containers
- Java EE integration: deploy services in JEE application servers such as RedHat JBoss AS, and IBM WebSphere
- Stand-alone Java client/server

**SUPPORT FOR PROGRAMMING LANGUAGES**

- Java SE 6 & 7 (incl. the use of the JAX-WS 2.2. and JAX-RS 2.0)
- CORBA

**ENTREPRISE INTEGRATION PATTERNS**

- Messaging Systems
- Messaging Channels
- Message Construction
- Message Routing
- Message Transformation
- Messaging Endpoints
- System Management

**SUPPORTED DATABASES**

- Including IBM DB2, Microsoft SQL Server, MySQL, Oracle, and many more in combination with the Talend Studio Database Components

**SUPPORTED OPERATING SYSTEMS**

- Centos Linux, OS X, Redhat Enterprise Linux, Solaris, SUSE Linux, Ubuntu Linux, Microsoft Windows

For more information on installation requirements, see www.talend.com/docs/community/prerequisites.html