

# CPO Statement of Business Operation Systems GmbH

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Following the prerequisites of ProSTEP iViP's Code of PLM Openness (CPO) IT vendors shall determine and provide a list of their relevant products and the degree of fulfillment as a "CPO Statement" (cf. CPO Chapter 2.8).

This CPO Statement refers to:

<b>Product Name</b>	<b>Top-Logic™</b>
<b>Product Version</b>	<b>5.7.4</b>
<b>Contact</b>	<b>Guido Dostert, Guido.Dostert@top-logic.com</b>

This CPO Statement was created and published by Business Operation Systems in form of a self-assessment with regard to the CPO.

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## 1 Executive Summary

Top-Logic allows you to define a continuous development process based on different methods and make it come to life. It connects to your data sources, analyses their data and allows you to react on a corporate governance level. Moreover it provides a key performance indicator (KPI-) based approach to manage your business processes and have a deeper look on the relevant information in your company.

Compared to BI systems Top-Logic allows to enhance and comment information within the application, rate data and provide consolidated management reports. The version management of data allows you to see trends and make forecasts on different aspects of your business. The decisions made by those forecasts can be handed over to your data sources by Top-Logic to define new targets.

<b>Company Name:</b>	Business Operation Systems GmbH	<b>Contact Person:</b>	Dr. Bernhard Haumacher Guido Dostert Michael Gänslar
<b>Product Name:</b>	Top-Logic™		
<b>CPO Term</b>	<b>Fulfilled (100%)</b>	<b>Comments because of deviations</b>	
2.1 Interoperability	<input type="checkbox"/>	Section 2.1.1: partially fulfilled  Convergence Path: Fully fulfilment estimated in 2016	
2.2 Infrastructure	<input checked="" type="checkbox"/>		
2.3 Extensibility	<input checked="" type="checkbox"/>	Section 2.3.1: Enhancement of business logic is available in specific application parts (e.g. configuration management, KPI system).	
2.4 Interfaces	<input checked="" type="checkbox"/>	Section 2.4.4: BOS is able to enhance the business logic	
2.5 Standards	<input checked="" type="checkbox"/>		
2.6 Architecture	<input checked="" type="checkbox"/>		
2.7 Partnership	<input checked="" type="checkbox"/>		
List of inherent supported neutral standards	API: <input type="checkbox"/> C/C++ / <input checked="" type="checkbox"/> Java / <input type="checkbox"/> .NET / <input checked="" type="checkbox"/> Web Services / Others: Please provide, if desired 3D: <input type="checkbox"/> IGES / <input type="checkbox"/> JT / <input type="checkbox"/> STL / <input type="checkbox"/> STEP / <input type="checkbox"/> VRML / Others: Please provide, if desired DX: <input type="checkbox"/> eCl@ss / <input type="checkbox"/> FMI / <input type="checkbox"/> IDX / <input type="checkbox"/> PDF / <input type="checkbox"/> ReqIF / <input type="checkbox"/> STEP / <input type="checkbox"/> VEC		

## 2 Details of Self-Assessment

The following chapters summarize the results of the CPO-related self-assessment of Business Operation Systems GmbH with regard to Top-Logic™.

### 2.1 CPO Chapter 2.1: Interoperability

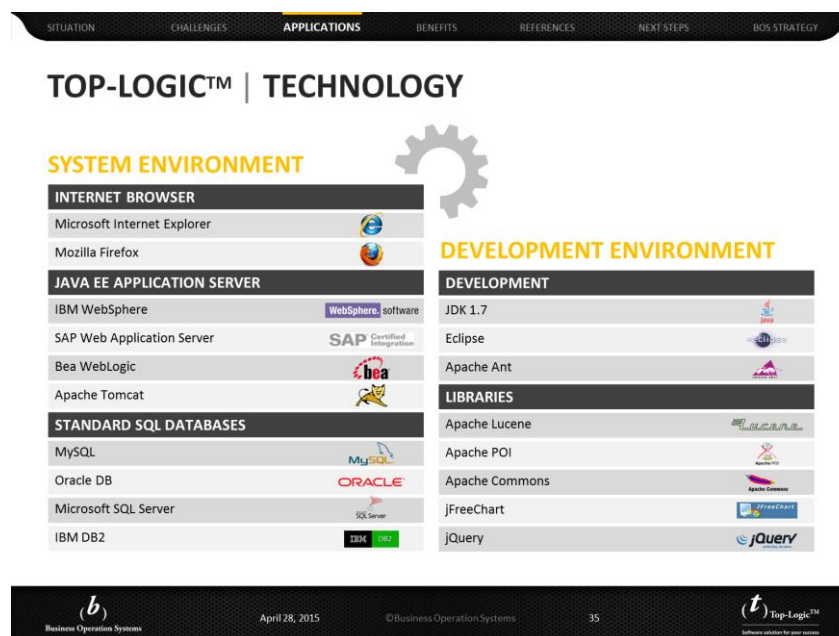
APIs have the following standard language bindings:

<http://www.top-logic.com>

*Remark: If detailed information with regard to bindings are not given (e.g. C++, instead of C++11 (ISO/IEC 14882:2011), maybe additional clarification efforts arise.*

### 2.2 CPO Chapter 2.2: Infrastructure

Supported platforms (hardware and OS) are:



The screenshot shows a navigation menu with 'APPLICATIONS' selected. The main content is titled 'TOP-LOGIC™ | TECHNOLOGY' and features a gear icon. It is divided into two main sections: 'SYSTEM ENVIRONMENT' and 'DEVELOPMENT ENVIRONMENT'.

SYSTEM ENVIRONMENT	DEVELOPMENT ENVIRONMENT
<b>INTERNET BROWSER</b> Microsoft Internet Explorer Mozilla Firefox	<b>DEVELOPMENT</b> JDK 1.7 Eclipse Apache Ant
<b>JAVA EE APPLICATION SERVER</b> IBM WebSphere SAP Web Application Server Bea WebLogic Apache Tomcat	
<b>STANDARD SQL DATABASES</b> MySQL Oracle DB Microsoft SQL Server IBM DB2	<b>LIBRARIES</b> Apache Lucene Apache POI Apache Commons jFreeChart jQuery

At the bottom, there is a footer with logos for Business Operation Systems, the date April 28, 2015, copyright information, the page number 35, and the Top-Logic™ logo.

### 2.3 CPO Chapter 2.5: Standards

Supported data exchange formats:

- General access to SQL databases (via JDBC drivers)
- General access to SAP applications (via SAP RFC / BAPI)
- General access to LDAP (via X.500)
- General access to MS-Excel files (CSV, XLS and XLSX)

*Please provide relevant information or URL to product flyers providing relevant information*

*Remark: If detailed information with regard to name and version (e.g. STEP AP 214 (ISO 10303-214:2010)), considered Implementation Guidelines (e.g. CAX-IF Recommended Practices) and potential participation in related Implementor Forums (e.g. CAX-IF) are not given, maybe additional clarification efforts arise.*

### 2.4 CPO Chapter 2.6: Architecture

The IT system's architecture is conforming CPO 2.6

Yes  / No

<http://www.top-logic.com>

## 2.5 CPO Chapter 2.7: Partnership

### 2.5.1 Data Generated by Users

Data generated by IT users with an IT system is and remains the intellectual property of these IT users, according CPO 2.7.4 Yes  / No

### 2.5.2 Partnership Models

Partnership models are offered according CPO 2.7.7 Yes  / No

Please provide relevant information or related URL to product flyers providing relevant information

### 2.5.3 Support of User and Innovation Groups

Supported groups are setting up.

Please provide names and, if available, related URLs to the homepages of the groups

## 2.6 Additional Information

To 2.3 Extensibility: Some parts of the business logic can be enhanced within a running environment in specific applications based on Top-Logic. This is restricted due to the fact that those extensions may affect other parts of the application logic and will lead to an unexpected behavior (e.g. defining new KPIs with configurable application logic).

*Statements concerning CPO Chapter 2.3 “Extensibility” and Chapter 2.4 “Interfaces” can be noted here. For example, statements concerning “Development Environments”, “Third-party Integration”, “Version and Release Compatibility”, possibilities for “Batch Processing” and “Cancellation”.*

*You can note related URLs where related information can be found.*