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### Personalia

Name	Jean-Paul Smit
Date of birth	January 5, 1973
Address	Bolivar 3
City	Hoofddorp
Cell	+31 (0)61 506 5186
E-mail	<a href="mailto:info@didago.nl">info@didago.nl</a>
Nationality	Dutch
Experience in IT	Since 1996
Driver's license	Dutch "B" license



### Education

1993 - 1996	B.Sc. Computer Engineering <i>Hogeschool Enschede, Enschede Netherlands</i>
1989 - 1993	MBO Technical Computer science <i>College MBO West-Friesland, Hoorn Netherlands</i>
1985 - 1989	MAVO <i>Don Bosco, Heerhugowaard, Netherlands</i>

### Certifications

- ✓ MCTS BizTalk Server 2006
- ✓ MCTS BizTalk Server 2010
- ✓ 70-583 PRO: Designing and Developing Windows Azure Applications
- ✓ 70-315 Developing ASP.NET web applications in C#
- ✓ MCP (ID: 1512937)
- ✓ MCSD
- ✓ SOA Certified Architect (AITCP ID: 098259)



Biztalk® Server 2006, Custom Applications  
Microsoft Biztalk Server 2010



## Training

Object Oriented Analysis and Design (Rational)	2000
Principles of iterative development (Rational)	2000
Managing technicians (Streng)	2001
Workshop Rational Unified Process (RUP)	2002
Workshop advanced C# (Macaw)	2003
SharePoint Portal Server 2003 (U2U)	2004
BizTalk Server 2006 (Microsoft TAP)	2005
Building secure applications in .NET (Oosterkamp)	2006
Master class WCF (InfoSupport)	2007
Training WPF and WF (Class-a)	2007
SOA Architect Certification Workshop (SOASchool.com)	2012


Continuous education by means of a Pluralsight subscription.

## About Jean-Paul Smit

Jean-Paul is an effective, dedicated and well-organized developer with a strong dedication to quality. He's a quick, flexible learner with a great sense of responsibility.

Jean-Paul is an excellent technical project manager and has extended experience managing small to medium sized technical project. At the same time, he is a team player with strong technical skills as a senior developer.

## Language



Dutch	Native
English (writing, reading, speaking)	Excellent
German	Average

## Publications

BizTalk Blog	<a href="http://jpsmit.bloggabout.net">http://jpsmit.bloggabout.net</a>
Dutch BizTalk User Group	Presentation about the BizTalk Software Factory
Microsoft .NET Magazine	2011 – Article: Building consistent solutions with the BizTalk Software Factory (Dutch) 2012 – Article: BizTalk in the Cloud (Dutch)

Technical reviewer for Packt Publishing  
Reviewer voor Arcitura (Prentice hall service technology series)

## Community

BizTalk Software Factory <https://github.com/jeanpaulsmit>

This is a Codeplex community project that supports and guides the BizTalk developer by generating standard project structures and delivering guidance during development. This guidance is implemented using the Microsoft Guidance packages to integrate the BSF with Visual Studio. By utilizing the BSF projects get standardized and best practices are being applied automatically. It is also assisting developers to increase productivity.

## Areas of expertise

The areas of expertise are indicated with a level. What each level means is explained below:

- 0 Theoretical knowledge and sometimes experience. Theoretical knowledge mostly acquired by reading articles, blogs and whitepapers. Experience acquired by doing (virtual) labs or self-tuition.
- 1 Basic knowledge and experience, acquired by thorough self-tuition, a training or small project. Sufficient experience to do small projects and quickly acquire more knowledge if required.
- 2 Good knowledge and experience, acquired by doing larger projects. The knowledge level is sufficient to setup the architecture or do more complex implementations by using best practices.
- 3 Excellent knowledge and experience by specializing in the subject. Wide project experience therefore being able to setup very complex architectures and do accompanying implementation.

<b>Programming, Script, Modelleertalen and Frameworks</b>	<b>Niveau</b>
.NET Framework, C#, .NET Core	2
ASP.NET, MVC, jQuery, JavaScript	2
XML, XSD, XSLT	3
UML (Unified Modeling Language)	1

<b>Tools</b>	<b>Niveau</b>
Visual Studio 2010 / 2012 / 2013 / 2015 / 2017	2
VSTS Build and Release / Azure DevOps	2
VSTS / TFS / Github	2
XUnit, NUnit, ILSpy, SourceTree, BizUnit, LoadGen, BizTalk Best Practice Analyser, BizTalk360, BizTalk Documenter, BizTalk Orchestration Profiler, BizTalk CAT instrumentation, BizTalk Deployment Framework, ESB Toolkit	3
Covast EDI Adapter	1
Rapid Addition FIX Adapter	3
Microsoft Office / Visio	2
Enterprise Architect 8 / 9	1

<b>Web services en Workflow</b>	<b>Niveau</b>
WCF (Windows Communication Foundation)	3
Web Api 2 (REST service framework)	3
SoapUI / Postman (Web/REST services testing)	2
Nevatech Sentinel SOA Governance & API Management	2

<b>Cloud Computing</b>	<b>Niveau</b>
Azure Storage (table, blob, queue)	2
Azure SQL Database / CosmosDb / RavenDb	2
Azure Service Bus (queue, topic, subscriptions, relay)	2
Azure App service (web, logic, function and API apps)	2
Azure IoT Suite / Event hubs	2
Azure API Management	3
Apigee API Management	3

<b>Server Producten</b>	<b>Niveau</b>
IIS 6 / 7.x (Internet Information Server)	2
SQL Server 2008 / 2012 / 2014 / 2016	2
SQL Server Integration Services	2
Oracle 10	1
SharePoint	1 – 2
BizTalk Server 2004 / 2006 R2 / 2009 / 2010 / 2013 (R2) / 2016	3
IBM WebSphere MQ 6	2
Windows Server AppFabric	2

<b>Operating Systems</b>	<b>Niveau</b>
Windows 7, 8, 10	2
Windows Server 2003 / 2008 / 2012 (R2), 10	2

<b>Methodieken</b>	<b>Niveau</b>
RUP (Rational Unified Process)	2
SCRUM Agile	2
MSF (Microsoft Solution Framework)	1

#### **BizTalk Server Specific Knowledge:**

- Determine solution architecture based on best practices
- Capacity planning and health checks
- Design, development and testing of schemas, mappings, orchestrations, pipelines, pipeline components, (custom) adapters based on best practices
- Usage of XML, flat files, EDI, HL7, SWIFT
- Usage of WCF and LOB adapters
- Utilizing BizTalk as ESB, also as part of a SOA initiative
- Business Rules Engine (BRE)
- Business Activity Monitoring (BAM)
- Installation, configuration, deployment van applicaties

#### **Soft skills:**

- Result oriented
- Great communication skills
- Flexible
- Problem solver
- Effective
- Well organized

#### **Other areas of interest:**

- Software architecture
- Service Oriented Architecture (SOA), Event Driven Architecture (EDA)
- Application Integration (Enterprise Service Bus (ESB))
- Cloud Computing
- Design patterns
- Continuous Integration / Continuous Delivery
- Test driven development (TDD)
- Software factories
- Internet of Things

## Recent projects

Oct 2018 - Present

### **NUON Vattenfall – WebApi / WCF / Servicebus Relay / API Management / Azure DevOps** (Implementation consultant)

NUON Vattenfall is a large energy company. For a software restructure project, large numbers of services need to be adjusted and newly built. This is a hybrid environment where consumers access on-prem services via Azure and vice versa.

#### Tasks and responsibilities:

- Work out the architecture for the restructure project
- Implementing WebApi services in Azure and WCF services on-prem
- Automating of build and release with Azure DevOps

May 2018 – Sept 2018

### **PGGM – Azure API Management** (Implementation consultant)

PGGM is a pension administration company, which expressed the wish to have an API management platform based on legislation and changing markets, to facilitate internal and external consumers.

#### Tasks and responsibilities:

- Work out the architecture for utilizing Azure API Management
- Setup TFS based automated deployment with ARM templates of the Azure API management resource, including global policies, products and certificates for custom domains.
- Setup TFS based automated deployment with ARM templates of the API to Azure API Management, including versioning, policies and linking to a product.
- Support API development teams embedding API Management, goal is to minimize impact on the teams. For this a reference implementation was created.
- Consultancy regarding setting up the developer portal.

Oct 2014 – Apr 2018

### **Marlink – Apigee API Management / WebApi / BizTalk Server 2013 / Azure App service, Logic apps, Functions, Servicebus, CosmosDb** (Lead developer)

Marlink offers worldwide communication and IoT services via satellite. The main project is designing and implementing a customer facing API to be the abstraction of the technical infrastructure which takes care of the actual communication with the devices. The customer API is also the interface for a customer portal, in which customers can for example view their devices' location.

#### Tasks and responsibilities:

- As a lead developer responsible for the design and implementation of the interfaces with backend systems. Solutions uses Apigee API management, WebApi REST services, Logic apps and BizTalk for workflow and NoSQL storage for metadata.
- Design and setup API management platform Apigee. Hosting of both internal and external Api's (external authentication in Apigee), compile best practices for security/validation/caching (using policies), monitoring and documentation.
- Setup build/release (CI/CD) using VSTS en Github
- Solving urgent issues, setting up and guarding standards and guidelines.
- Continuously looking for ways to optimize internal processes

- Jun 2014 – Oct 2014 **Wigo4it – BizTalk Server 2010 / ESB / SOA** (Lead developer)  
 This organization is responsible for some of the main applications of the 4 largest cities in The Netherlands. Its main backbone is a BizTalk based ESB responsible for dynamic processes and service virtualization. They embrace the SOA paradigm and practice agile development by means of scrum. As member of a scrum team working on extending and adding functionality to the ESB. Also guidance to help get most out of their SOA initiative.
- Nov 2012 – present **Asics Europe – BizTalk Server 2009 / 2010** (Architect / developer)  
 Initially assisting with fixing outstanding high priority issues, both on production environment as well as development. Reviewing the current configuration to track stability issues and writing findings and actions document to increase the reliability of the integration platform. Converting the platform to BizTalk 2010 as next phase and monitoring the production environment, reporting and fixing issues with (EDI) messages.  
Tasks and responsibilities:  
 - Conversion of BizTalk 2009 solutions to BizTalk 2010, apply best practices, optimize and extend solution  
 - Manage production environment, monitor and solve issues with for example EDI messages  
 Reference: Mr Nijman (Asics) - 0652631504
- Jan 2014 – April 2014 **AutoBinck – BizTalk Server 2010** (Lead developer)  
 Responsible for the architecture and migration of an Oracle based ERP system for car import companies to Microsoft Dynamics Navision 2013 R2 from a BizTalk point of view. Also training and coaching of junior developers in BizTalk and SSIS. This project was unfortunately cancelled prematurely.  
 Reference: Mr Visscher (General manager) – 070 3337309
- Nov 2013 – Jan 2014 **KASBank Amsterdam – BizTalk Server 2010** (Developer)  
 Design and implementation of the interface between a pension application en de stock exchange. Communication via the FIX protocol.  
Tasks and responsibilities:  
 - Analysis of the interfaces/communication via FIX protocol  
 - Design, implementation and test of the interface  
 - Change implementation in existing generic components  
 Reference: Mr Gras (KASBank) - 0637324395
- Jun 2012 – Dec 2012 **VUmc (University medical center) – BizTalk Server 2010 / WCF / SQL Server 2008 R2 Integration Services** (Consultancy / developer)  
 Responsible for looking at current processes through the eyes of an external consultant.  
Tasks and responsibilities:  
 - Reviewing architecture, standardization, best practices and project and document templates for BizTalk and SSIS.  
 - Designing and implementing SSIS management framework and package templates.  
 - Design and implement interface between radiology system and billing system using SSIS and BizTalk.  
 - On the job training for employees by presenting technology and workshops. Also assisting with development of interfaces.

**Raad v/d Rechtspraak (Council for the Judiciary) – BizTalk Server 2010 / WCF / AppFabric/ SOA (Solution Architect)**

Tasks and responsibilities:

Nov 2011 – Apr 2012

- Responsible for creating a vision and promoting, extending and guarding of the central integration platform of the Council for the Judiciary.
- Making sure, as a BU representative, the platform is utilized in the most optimal way. Also guarding the guidelines, conventions and standards of the integration platform.
- Involved in architectural discussions as a member of the solution architect board, based on SAD and PSA documents.
- Discuss and fill in the requirements and gaps together with domain architects towards a service oriented organization.

**KPN – BizTalk 2006 R2/WCF (Software architect/developer)**

Adjusting and extending the delivery chain solution built between Mar-Dec 2009.

Tasks and responsibilities:

Mar 2013 – May 2013

+

Nov 2011 – May 2012

- review the architecture and design necessary adjustments
- design and build the solution consisting of BizTalk Server processes and WCF services

Reference: Mr van Ewijk (FourICT) - 0623910106

**AkzoNobel Automotive & Aerospace Coatings – WCF / BizTalk Server / SQL Server Integration Services (Software architect/developer/analyst)**

Involved in several projects in the past two years in the role of consultant, architect and developer. Lot of interaction with the business to deliver what the customer expects.

Oct 2009 – Oct 2011

1) ETL proof of concept to extract KPI's from a database with unstructured data and export them to another application.

Tasks and responsibilities:

- autonomous analysis of unstructured data
- complete design of the solution involving WCF, BizTalk Server, SSIS and SSIS
- complete implementation of the solution
- project duration: 3 months
- result: proof of concept became a project, project duration 2 developers, 3 months

2) Proof of concept to replace the current color tools and database. Color formulas are AkzoNobel's crown jewels.

Tasks and responsibilities:

- working with team of analysts to gather and clear up requirements
- responsible for the technical architecture, including templates, guidelines and best practices. Applying Service Oriented Architecture (SOA), using BizTalk Server, AppFabric, WCF, Service repository and SSIS
- in the role of lead in a team of 3 developers to build the proof of concept. Coaching and code reviewing responsibilities during the project.
- project duration: 9 months

- result: proof of concept becomes a real project  
3) Migration of SSIS 2005 and BizTalk Server 2006 R2 applications to SSIS 2008 and BizTalk Server 2010

Tasks and responsibilities:

- responsible for analysis of the impact of migrating on applications and external systems involved
- consultancy regarding planning
- migrating application in a team of 2 developers (also adjusting applications if necessary)
- project duration: 4 months
- result: applications are being migrated in a controlled manner to the new environments (OTAP)

4) Various small projects with WCF, SSIS and BizTalk Server.

Responsible for consultancy, best practices and templates, design and implementation

Mar 2009 – Dec 2009

**KPN Telecom – BizTalk Server 2006 R2 / WCF / ASP.NET MVC**  
(Software architect / developer)

For KPN as part of a chain of applications I designed an application for automatically delivering IP addresses to customers of KPN. This involved also the communication to RIPE. All processes are modeled in BizTalk and all functionality is covered in WCF services. The project also consists of a manual interface to deliver IP addresses. This is an ASP.NET application and was developed using the ASP.NET MVC framework.

Jan 2009 – Sept 2009

**Van der Sluijs Group – BizTalk Server 2009 / ESB Toolkit 2.0 / WCF** (Software architect)

For Van der Sluijs Group BizTalk was completely new. They want to connect multiple branch specific applications using BizTalk. In my role as software architect my first goal was to convince the management that BizTalk was suitable for their goal by implementing a proof of concept. It was a success and after that I designed a logging and error handling strategy using WCF, Enterprise Library and the ESB Toolkit. Using this foundation the interfaces of the applications from the proof of concept were realized.

July 2008 – Dec 2008

**SNS Reaal via Microsoft Services - WCF**

Working on a large WCF project. Responsible for designing and implementing generic framework parts so the WCF services can take advantage of them. Designing and implementing custom channels, custom behaviors and services. Also developer of a software factory to be able to easily generate a consistent project structure for WCF projects.

Jan 2008 – July 2008

**LogicaCMG, UWV – BizTalk 2006, ESB, Software Factories**

For LogicaCMG working on the so called WIA system for the UWV. As member of the generic team busy with architecture, code reviews, refactoring, build and deployment and exception handling according to the ESB guidance. Also working on a BizTalk Software Factory.

2001 – 2007

**Various projects for customers like Unive, Gemeente Nieuwegein, Goudse Verzekeringen, Stater, Vegro, VVAA and Hogeschool Utrecht – BizTalk 2004/2006 / WCF / SharePoint**  
(Architect/Software developer)

Employment

Jan 2008 – present

**SNS Reaal via Microsoft Services – WCF** (Software



Freelance consultant providing technical advice and  
Weikering high level hardware team design basis te leggen  
voor implementaties using Mainframe services.  
Web/Contenting Systems and People using Microsoft  
Customizing en custom behaviours.

June 1999 – Dec 2007

**Macaw**

Design & implementation of EAI, back-office, internet,  
intranet and smart client applications. Roles: Lead  
Software Developer and Project Manager of small  
projects.

May 1998 – June 1999

**Verenigde Bloemenveilingen Aalsmeer (VBA)**

July 1997 - May 1998

**City Disc Den Haag**

July 1996 – July 1997

**JB Systems Gouda**

