delaware

Nicolas Smith

Nicolas is a Lead Expert in the Connect Systems & People Domain, located in Ghent, with 11 years of professional experience in large scale integration projects.

As a project manager and integration architect, Nicolas is focused on designing and building integrations in a variety of industries.

He holds a bachelor's degree in Applied Computer Sciences (University College Ghent). Nicolas holds multiple SAP Certifications regarding integration, including the SAP Integration Black-Belt.

Profile

Nationality

Belgian

Education

Bachelor Applied Computer Science
University College Ghent

Job Title

Lead Expert

Team

SAP Integration

Package experience

SAP Cloud Platform Integration
SAP PI & SAP PO
SAP NW BPM
SAP S/4H – Cloud & On-Premise

Software tools

SAP NetWeaver Developer Studio (NWDS)
Programming Language: ABAP, Java, C#, .NET, Objective-C (iOS – Xcode), Cobol, Pascal
Microsoft Windows
SQL
XML

Languages

- French: Native language
- Dutch: Native language
- English: C2 - Mastery or proficiency
- Japanese: A2 - Waystage or elementary
- German: A2 - Waystage or elementary

Employment history

- delaware: 08 2011 – present

delaware.pro

Professional consultancy experience (Consulting assignments at delaware & other consulting firms)

Aliaxis	April 2022 – Present

Associate Enterprise IT Architect – Global Integration C4E Lead

Nicolas will help Aliaxis to set up their Integration Center of Enablement. To help them form the guidelines for future integrations, as well as further roll out the pilot projects as defined on the roadmap during the EA Insights project.

Agristo	January 2022 – May 2022

Cloud Architect

Nicolas helps Agristo to gain more maturity and strategy with cloud. With a focus on Cloud Integration as first project, Nicolas is helping Agristo with the governance, best practices and the first steps into cloud integration.

Agristo	March 2022 – June 2022

Associate Enterprise IT Architect

EA Insights project at Agristo, to help IT support the Business to achieve their strategic goals for 2022-2023. Nicolas will be the lead on this project to design the enterprise IT architecture and the roadmap for the coming years.

Aliaxis	October 2021 – Present

Associate Enterprise IT Architect

EA Insights
Together with Frederik-Jan Roose, Nicolas implements the Enterprise Architecture Insights project at Aliaxis, to help them develop their IT landscape and make it futureproof.

INEOS Automotive	June 2021 – Present

Enterprise Architect

INEOS Automotive is using a modern hybrid landscape, using best-in-breed SaaS applications. A new business and a green-field SAP S/4H system. Nicolas an objective architect advising the INEOS Enterprise Architect and the delaware Integration teams on the strategy and approach for integration projects, using SAP Integration Suite as well as Azure Integration Services. Besides his advising role for the enterprise architect, he also builds up the INEOS Integration Center of Excellence with the delaware integration team (5 consultants) responsible for all INEOS business units.

Ineos Aromatics & Acetyls	January 2021 – Present

Architect

INEOS has bought over the petchem's business from BP, and delaware needs to coordinate the carveout. Nicolas is responsible for the integration architecture migration from BP's middleware systems (IBM Sterling, SAP PI, WDI, Unix scripting) to a consolidated single SAP middleware platform. Nicolas manages the integration & development team, and designs the integration architecture based on deep-dive workshops together with BP & INEOS.

GOB	October 2020 – Present

Project Manager

GOB has asked delaware to securitize their PO environment, so that all information across the integration landscape of GOB is secured and encrypted. Nicolas is the PM of this project.

Vivaqua	January 2020 – January 2022

Architect

Vivaqua will move their customer service to the cloud by using SAP Cloud For Customer – Service Cloud, in combination with SAP S/4 HANA on the HANA Enterprise Cloud integrated through SAP Cloud Platform Integration. Nicolas oversees the technical PM side as architect on this project, leading the development teams and create a future-proof architecture for Vivaqua.

John Cockeril	October 2020 – Present

  delaware.pro

Enterprise Architect

John Cockeril asked the help of Nicolas to perform a small audit on their current landscape, and foresee a plan for their future architecture, where cloud will become prominent. The challenge of this customer is a mix of technologies used, and the need for an experienced view on this complex landscape. Nicolas is consulted for new projects such as the Master Data Governance project with Microsoft Dynamics 365 and the new SAP S/4HANA systems in China (public cloud) and other on-premise SAP ECC or SAP S/4HANA systems (Europe, US, India).

Meat & More	January 2020 – December 2020

Enterprise Architect

Meat & More has asked delaware to perform a full audit of their current IT landscape & strategy, and create a vision for the future on their enterprise architecture. The audit is done based on workshops together with the customer's different stakeholders, whereafter a maturity report and a timeline are created and given to the management team of Meat & More.

Topcon	June 2019 – Present

Integration Consultant

Topcon interfaces with Zuora through SAP CPI for their invoice bookings (invoices, credit memo's, deferred revenues, etc.). Nicolas is developing the interfaces on their CPI platform and gives training to their CPI developer.
After the Zuora project, Nicolas stays on board for smaller integration questions & tasks.

University of Ghent	May 2015 – March 2021

Integration Lead

The Ghent University has a hybrid landscape using both SAP CPI and SAP PO to connect to their different applications, using SAP, SuccessFactors, BI, etc.
Nicolas is the lead for all integration related topics and architecture and manages the onsite team. Next to that he still does some complex developments or designs interfaces for the team in complex environments.

Ineos O&P – Project One	October 2019 – January 2021

Architect

For the new business plant in Lillo, Ineos' Project One, Nicolas will oversee the integration architecture. The plant is complete new plant with new software tools integrating with the existing Ineos O&P landscape.

Ineos O&P – PO Migration	October 2019 – June 2020

Project Manager – Lead Architect

Ineos is migrating 204 interfaces from an older PI environment to their new PO environment. Nicolas oversees this migration on budget and resources. As well as provide architectural insights on future strategy.

JSR Micro – PO Migration	November 2018 – January 2019

Project Manager

Nicolas will be the PM for the PO migration at JSR Micro, in combination with the C4C integration.

JSR Micro – C4C integration	October 2018 – January 2019

Technical Lead

Nicolas is overseeing the developments for the C4C interfaces on the new PO system of JSR.

Kaneka – eInvoicing project	November 2018 – October 2019

Project Manager

Nicolas is the PM for the new eInvoicing project at Kaneka, which will automate their invoicing across companies. A team of Chinese and Belgian developers will be managed by Nicolas, as well as the testing at customers side.

Cosucra – S&OP VIF Integration	October 2018 – January 2020

Project Manager

delaware.pro

Cosucra is using the VIF application for S&OP and their MES integration. Nicolas will manage this project with a team of 4 people internally.

Cosucra – PO Migration	October 2018 – January 2020

Project Manager

Cosucra will move from their current PI to a new PO, which will be managed by Nicolas.

Various customers	January 2018 – December 2019

Integration Architect

Nicolas is performing audits on systems and helping customers on different complex tasks, where an expert is quickly needed. This includes helping customers with NW BPM's, or complex integration landscapes (using both on-prem & cloud integrations).

Ineos O&P - ECP 2 EOP	December 2017 – May 2019

Integration Architect

Nicolas is the integration lead for the project where an old R3 system (ECP) is merged into a newer, already existing, ECC system (EOP). Nicolas leads the integration team of 3-4 integration consultants and designs the architecture. The complexity of this projet lies within the

Ineos DeNoS	December 2017 – August 2018

Integration Architect

Nicolas is performing the coordination of this carve-out combined with an upgrade. This project involves carving out a complex landscape and migrating the carved-out part to the latest SAP PO 7.50. BPM's will need to be migrated, as well as the specific customer Adapter Modules. Improvements on the interfaces are done where possible. This migration consists of 200+ interfaces and 30 NW BPM's.

Ineos FPS	April 2017 – November 2017

Integration Architect

Nicolas will coordinate the new SAP implementation for Ineos FPS on integration level. Purpose is to create a whole integration with Maximo software, similar to the existing setup for other Ineos businesses. However, the existing setup will be completely redesigned, as it is not monitorable and workable for the business. The new setup will be less complex and easier to monitor and follow-up with errors. The new interfaces will use standard SAP Enterprise Services instead of using custom code.

Some new interfaces with Citibank also need to be set up, in a best practice way. (SEPA & BACS files)

Ineos General	April 2017 – Present

Integration Architect

Nicolas is the SPOC for all integration questions and issues for Ineos companies. All interfaces are designed or approved by Nicolas.

Delaware & SAP Cooperation – Solution Manager Monitoring	August 2016 – September 2019

Architect – SPOC

Nicolas is the SPOC for SAP CEI projects @delaware, regarding SAP Process Orchestration, SAP BRM In the cloud and Solution Manager Monitoring.
The monitoring is a cooperation between delaware and SAP, where a complete monitoring platform is being envisioned together with SAP.

Cartamundi	January 2017 – October 2018

EDI – Integration Lead

Interfacing between Hasbro (US) and Cartamundi system by use of Ansi.X12 messages and the standard SAP B2B Addon.

Neuhaus	May 2017 – June 2017

Webshop interfacing & POS - Integration Architect

delaware.pro

Interfacing between Cash registers & a new webshop. Architecture is designed and implemented by Nicolas.

La Lorraine	January 2017 – September 2018

Hybris – Technical Architect

Interfacing between Hybris, SAP and other tools.
+Nicolas will be the technical architect for La Lorraine, where he will design the interfaces needed between Hybris and SAP. Other tools will possible be used as well which will need to integrate with SAP and/or Hybris.

Turbo's Hoet	September 2016 – July 2017

Project Manager & Technical Lead

Interfacing with DAF to migrate the Parts division to SAP
+This project is a mix of WM, MDM and SD modules being used to centralize data on SAP. Turbo's Hoet will need interfacing between SAP, it's warehouses and DAF to be able to manage its inventory. Nicolas' job will be to maintain the relationship between the customer and DLW and help with the creation of the blueprints. Nicolas will lead a team of technical and functional people and will help the technical developers with his SAP PI expertise. The project will use SAP PI as integration tool.

Ontex	August 2016 – July 2017

Project Manager & Technical Lead

Master Data Management Implementation
+Nicolas will be the project manager on the MDM project at Ontex. In this project there will be several sources that will send data to SAP PI by using either a Fiori Portal application or an automated message by using SAP PI. The Master Data will then be converted to a generic message which will get transformed and afterwards will need to get approved. The transformation and approval process will use technologies such as SAP BPM, SAP BRM, SAP PI for the integration and approval. SAPUI5 will be used for the portal and screens. Nicolas leads a team of 5 people and helps the team with difficulties as a PO expert.

Tecteo	December 2015 – Septembre 2016

Project Lead

SAP PI+BPM to PO Migration
+Nicolas will be the project lead on the migration from PI 7.40 and NW BPM to SAP PO 7.50. He will do the estimation of the project as well as the follow-up of a team of 3 people and report to Denis Latour on a weekly basis about the status of the project.

Tecteo	March 2015 – December 2015

Architect - Analyst

Business and technical impact analysis of Atrias project
+Nicolas will investigate the impact of the upcoming Atrias/MIG6 project that will start in January 2016. Nicolas' job is not only to analyze the impact but also to define the architecture of Tecteo's landscape within the Atrias/MIG6 project. During this time Nicolas will also provide feedback to Ingestic to provide answers Atrias or Ingestic might have regarding the MIG6 migration. As PO expert Nicolas will be able to use his extensive knowledge of SAP NW BPM and PI in this project. Tecteo will rely heavily on BPM and BRM for their workflows.

Yves Rocher	September 2014 – April 2015

Project Manager – Engagement Manager – Technical Lead

SAP XI to SAP PO Migration.
+Nicolas will be Delaware project manager for this project as well as the technical lead.
He will also give training to our French colleague in SAP PO (PI - BPM). Nicolas is also responsible for all of the presales and the budget follow-up. The project will mainly be done by the French colleague with support from Nicolas for more difficult tasks.

Tecteo	August 2014 – August 2016

SAP PO (PI + BPM) Consultant

Support to current PI & BPM (CE) flows

delaware.pro

+Nicolas will support Tecteo with new demands for interfaces and their current interfaces connected to the Clearing Houses (MIG4 project). Some BPM will need adjustments for their performance, according to the best practices from SAP.

Nicolas has also done an audit of the current PI and BPM (CE) setup at Tecteo, where after Tecteo will implement the modifications to boost the performance of the servers.

Balta	February 2014 – January 2015

SAP PO Consultant

SAP PI to SAP PO Migration.
+Nicolas will be technical lead on this project and will give training and support to the local developers within SAP PO. Developments will be done with the SAP PI Migration Tool provided by SAP, while new interfaces will be developed with SAP NetWeaver Development Studio.
Nicolas will convert the ccBPM to NetWeaver BPM or to standard PI flows if possible.

VPK	December 2014 – April 2015

SAP PI Consultant – Technical lead

EDI Interfacing with Agristo
+Nicolas will give the best possible solution for EDI interfaces with SAP PI (7.40) to Agristo. The interfacing will be done together with the EDI provider of Agristo (Generix), where AS2 connections (inbound & outbound) will be made.

Ineos PetroIneos	May 2014 – September 2014

SAP PI Consultant – Technical lead

ENDUR Interface
+Interfacing with Endur program to book invoices by using a proxy into SAP.

Distriplus	May 2014 – August 2014

SAP PI Consultant

SAP PI eCommerce interfacing
+Interfacing with eCommerce platform (Compario & BPost), interfaces will implement sales orders in SAP with discounts through a proxy. Material master interface from SAP to Compario & BPost with a collection of IDocs.

VPK	May 2014 – December 2014

SAP PI Consultant – Technical lead

SAP PI Upgrade
+Nicolas will be technical lead on this project and will give support to the local developer within SAP PI (dual stack). Nicolas provides the planning for this project as well as the migration itself, together with the local developer.

Ineos Oxide	January 2014 – August 2014

SAP PI Consultant

SAP PI 7.11 to SAP PI 7.40 Migration
+Nicolas will be technical lead on this project. Approximately 100 interfaces need to be migrated from the old PI system to a new PI system. Nicolas will take care of the initial migration, but testing and further development will be done by the local development team, whereas Nicolas will give support with complex interfaces.

Econocom	October 2013 – February 2014

SAP PI Consultant

New SAP PI implementation with AS400 in combination with SAP FI.
+Nicolas developed several interfaces in combination with JDBC connections to the AS400 for the creation of customer invoices, WBS elements and customer master data. The developments were made in a very short time range, as the go live for the invoices was planned for mid-January. Mappings were complex graphical mappings, per request of the customer who asked for graphical mappings only, with as little ABAP, XSLT or Java possible, where flat structures were mapped to BAPI structures.
After the golive, Nicolas continues to give further support for small changes and issues.

  delaware.pro

All developments were done on-site in Paris.

Renson	October 2013 – January 2014

SAP PI Consultant

New SAP PI implementation with AS400 in combination with SAP FI.
+Nicolas will be technical lead on this project and will give training and support to the local developers within SAP PI. Developments will be done by Nicolas, but a knowledge transfer is planned through a SAP PI training (given by Nicolas).
Approximately 14 interfaces need to be developed and tested within 2 months. Go live was planned beginning of January.
Communication between systems will be done by SOAP services and proxies.

Balta	September 2013 – September 2013

SAP PI Consultant

Support for issues concerning EDI flows through Nallian and issues with complex mappings.
+Nicolas aids Balta's PI developers when they encounter complex issues with different setups. Issues can vary from complex mappings to certificate problems when trying to connect to an EDI provider.

VPK	August 2013 – November 2013

SAP PI Consultant

Design of a new EDI interface through the AS2 Adapter.
+Nicolas is developing a new interface for VPK where invoices get sent as EDI files to a partner by using the AS2 adapter.

Lotus Bakeries	January 2013 – December 2015

SAP PI Consultant

After the PI migration of the EDI interfaces, Nicolas checks up on the customer at regular basis, and gives support whenever needed. The current interfaces still in EAI will be moved to PI, but the development will be done by both the inhouse developer as Nicolas. As the inhouse developer has lesser experience in SAP PI, Nicolas will give him training and guidance where needed when developing the interfaces.

Associated Weavers	May 2013 – December 2013

SAP PI Consultant

SAP XI to PI 7.31 Migration
+Nicolas is currently migrating all of the interfaces communicating with SAP R/3 to a newer PI system. The PI project is led by Frederik-Jan Roose, who aids Nicolas in some development. A PI monitor heads-up & training was given by Nicolas at the customer's site. The migration includes the rewriting of an Adapter Module for EDIFACT Conversion and several EDI interfaces. As well as several ABAP coding for extending the Delaware SAP PI Monitor.

Ineos O&P	May 2013 – December 2014

SAP PI Consultant

SAP XI to PI 7.31 Migration
+Nicolas is currently migrating all of the interfaces communicating with SAP R/3 to a newer PI system. The PI development is led by Nicolas together with a developer from Ineos. A redesign of the interfaces is being done, in order to have a more organized architecture, which will make it easier to change or develop new interfaces.

Ineos O&P	February 2013–June 2013

SAP PI Consultant

New interfacing to OSIsoft PI
+Nicolas aids the SAP XI developer from Ineos with the development of interfaces communicating with the OSIsoft PI software. The connection is done by using outbound/inbound RFC's and a JDBC connection. The development is done in the XI system, which will later be migrated to a newer PI system.

ADPO	January 2013–February 2013

SAP PI Consultant

delaware.pro

New E-Invoicing project for sales.
+ Nicolas implemented a solution for PI and ECC where billing documents were sent to a mailbox, in PDF format, which were then picked up by PI and archived on the SAP ECC Content Server. Once archived the PDF's were linked to their corresponding PO's & Sales Documents by using an inbound proxy.
Also several billing documents were archived after transforming their SAP scripts to a PDF version, the archived PDF's were linked to the attachment list in their corresponding documents.

Ineos	December 2012–January 2013

SAP PI Consultant

New E-Invoicing project for sales.
+ Nicolas implemented a solution for PI and ECC where sales documents were sent to a mailbox, in PDF format, which were then picked up by PI, signed with a certificate and then archived on the SAP ECC Content Server. Once archived the PDF's were linked to their corresponding PO's by using an inbound proxy.
The private keys to sign the PDF's are stored on the SAP PI keystore and retrieved by a java mapping.
Another part of the project was when a PO got created, it had to be signed and archived on the SAP Content Server.

Lotus Bakeries	October 2012–January 2013

SAP PI Consultant

Lotus had a previously developed EDI EAI environment, after several years they've decided to go with SAP PI for their EDI interfacing and for other future interfaces. The complete EDI EAI environment which was purely java based working with SAP backend queues had to be migrated to SAP PI and split up into smaller lesser complex interfaces. The technologies used here were a combination of XSLT, Java and graphical mappings with extensive use of RFC's. Testing was done by a junior under guidance of Nicolas.

Nationale Loterij	October 2012–November 2013

SAP PI Consultant

Next to giving support for the current interfaces, Nicolas also set up an interface enabling the managers to approve the PO's by using a smartphone and their EID. The PDF's where then sent to SAP PI by using a synchronous proxy to a java web service where they were signed by the user's private key and then sent back to ECC for archiving and printing.

Tessenderlo Group	May 2012–December 2013

SAP PI Consultant

As the Lead PI developer of Tessenderlo Group has fallen ill, Nicolas was asked to replace him during his absence. Besides monitoring and support for existing projects, Nicolas also worked on new small projects. Everything was well documented for the lead PI developer in order to properly and effectively transfer the interface knowledge without wasting time and resources. The most technologies used are SOAP Webservices, Inbound and outbound RFC calls and several ABAP mappings.

Ineos	June 2012–July 2012

SAP PI Junior Consultant

New E-Invoicing project for purchase orders and FI-invoices.
+ Nicolas implemented a solution for PI and ECC where orders were sent to a mailbox, in PDF format, which were then picked up by PI, signed with a certificate and then archived on the SAP ECC Content Server. Once archived the PDF's were linked to their PO's and billing documents by using an inbound proxy.
The private keys to sign the PDF's are stored on the SAP PI keystore and retrieved by a java mapping.

Brabomills	May 2012–June 2012

SAP PI Junior Consultant

Interfacing between SAP and JDBC
New interfaces where SAP IDocs had to be transferred to a local JDBC table on the SAP PI Machine.

Beyers Koffie	May 2012 – June 2012

SAP PI Consultant

GO-live support and small changes before

delaware.pro

+ A new SAP PI project where Nicolas replaced a senior consultant for go-live support. Several changes had to be made to the mappings as well. Nicolas also gave a training to the customer about SAP PI.

VPK Packaging	March 2012 – April 2012

SAP PI Junior Consultant

Transwide + ABAS Interfacing + JDBC Interfacing
+ Nicolas set up interfaces between SAP and Transwide: creation/change of outbound/inbound Purchase Orders through proxies & user exits. Extensions on already written programs were also necessary to update the flow.
+ Nicolas set up a POC between SAP and a Microsoft SQL Database. The interfaces uses insert and delete statements from SAP into the MS SQL Database.

Nationale Loterij	January 2012 – November 2013

SAP PI Junior Consultant

Setting up proxy to flatfile and flatfile to proxy interfaces. Interfacing between SAP and various third-party systems.

Tessenderlo Group	January 2012 –February 2012

SAP PI Junior Consultant

Setting up interfaces between B2C Webshops and SAP + Maintenance and support on existing interfaces.

Delaware Consulting - Ineos	October 2011 – December 2012

SAP PI Junior Consultant + Jira (Java) Developer

Setting up interfaces to create, edit and get issues from PI to Jira, and vice versa. Creating a plugin in Jira so that the customer can be contacted through PI when an issue gets created or updated.
+ Nicolas did research for Jira development together with Gert Van Muylem and set up interfaces to create and issue with attachments from PI to Jira.

Heiploeg	November 2011 – August 2012

SAP PI Junior Consultant

TRANSPAS Interfaces
+ Nicolas set up several interfaces for Heiploeg, including BAPI implementations with proxies and the use of User Exits to extend and fill up Idocs.

Amer Sports Shanghai	December 2011 – December 2011

SAP PI Junior Consultant

Setting up interfaces between WMS Manhattan, SAP PI and SAP IDoc
+ Nicolas did the mappings for several interfaces (ShippingOrder, ShippingConfirmation, MaterialMaster, etc) together with Pieterjan Deschrijver.

Royal Cup	September 2011 – October 2011

SAP PI Junior Consultant

EDI to IDoc and vice versa mappings
+ Nicolas mapped several EDI messages to IDoc and vice versa

Professional training

Certificates

- 10-2014 – SAP NetWeaver Process Integration 7.31
- 08-2016 – openSAP SAP Hana Cloud Integration – Record of Achievement (100%)
- 10-2018 – openSAP SAP API Management – Record of Achievement
- 07-2019 – openSAP Simplify Integration with SAP Cloud Platform Integration Suite – Record of Achievement
- 02/2021 – openSAP SAP's Integrated Intelligent Suite – Record of Achievement

- 03/2021 – openSAP An Enterprise Architect's View on SAP Business Technology Platform – Record of Achievement
- 09/2020 – SAP Technology Knowledge 2020 - Integration Black Belt

delaware.pro