

Three projects at TMNS

Supporting our customers in becoming extremely responsive is our focus. To achieve that responsiveness and flexibility we apply a combination of our industry expertise with our implementation experiences of leading edge technology.

We have helped our customers achieve major improvements in customer experience management in areas like Order Management and Fulfillment for Telco's, Partner Transaction Management in Logistics, Implementation of Customer Management in Utilities and Customer Interaction Management in Finance.

Many of our customers have invested huge amounts of money and energy in applications. We always focus on leveraging those investments by applying concepts and technology to these applications. Creating maximum responsiveness while leveraging past investments is generating faster results with less CAPEX than starting all over again!

As experts in Business Process Management, Enterprise Application Integration and Complex Event Processing, we have the experience to implement innovations, pragmatically. As an independent service provider we have partnerships in place with the leading vendors of software technology, like TIBCO, TIBCO Spotfire, nJams, SoftwareAG, Aurea, Mendix and Oracle.

Projects:

1. Masters Internship Business Intelligence, Business Analytics, Data Science (page 2)
2. Masters Internship BPM, Complex Event Processing, Real Time (page 4)
3. Masters Internship Natural Language Parsing, Human Behavior, Sentiment Analysis (page 6)

Contact:

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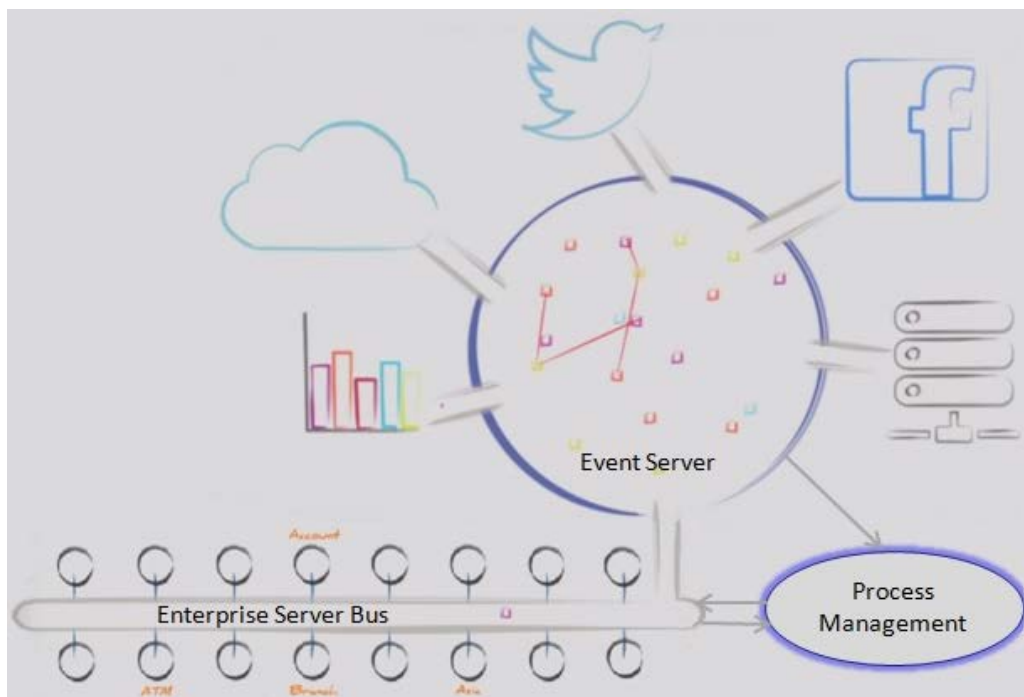
1. Project "Social Media Integrated Business Intelligence" (Master Thesis)

Masters Internship (Business Intelligence, Business Analytics, Data Science)

This Internship is for a student from the faculty of Informatics/Business Analytics with a strong interest in defining statistical models using business analytics in a real time environment. This thesis is part of a larger project aiming at the development of a solution that supports the integration of a social media feed (in this case twitter) within an BI environment (TIBCO Spotfire, Streambase, Liveview) and demonstrate it with a working real life example. The student has to cooperate with two other students and experts of TMNS.

Positioning

The next picture (from TIBCO Spotfire) presents a general view on using BI in a real-time environment, analyzing data running through the Enterprise Service Bus coming from different (business related) events and combining it with feeds from social media. The results of this analysis in the Event Server will define the next processes that will be executed through the Process Manager. This combination of system integration (ESB & BPM) and BI is the core competence of TMNS.



Goal

The goal of this project is to develop a toolset that supports the integration of a social media feed (in this case twitter) within an BI environment (TIBCO Spotfire, Streambase, Liveview) and connect it to a Business Process Management environment. The result of the project should be a demonstrable pilot environment using real life data feeds.

Period

Project starts in January 2015 and will end in June 2015

Profile

The student (in his/her masters phase) has to work in a team and covering the knowledge area's:

- Statistical Analysis and Modeling
- Business Analytics
- Data Science
- Data Modeling, Ontologies

Project Details

Starting with a training period of two weeks introducing:

- Spotfire
- TIBCO Process Management and TIBCO Enterprise Service Bus
- TIBCO Complex Event Processing, Streambase, Liveview

followed in the third week by selecting a specific domain and writing a Project Plan.

The project will be supervised by a project manager from TMNS and when needed experts from TMNS will join the team meetings and will serve as advisors.

The project will be carried out at the head office of TMNS in The Hague.

The project should preferably result in a working demo.

Expenses

A student will get a traineeship allowance of € 800,- per month and additional travel expenses based on second class public transportation. External courses will be compensated (actual costs).

Bonus

When the project has resulted in a presentable demo (to be judged by TMNS) a job at TMNS is guaranteed.

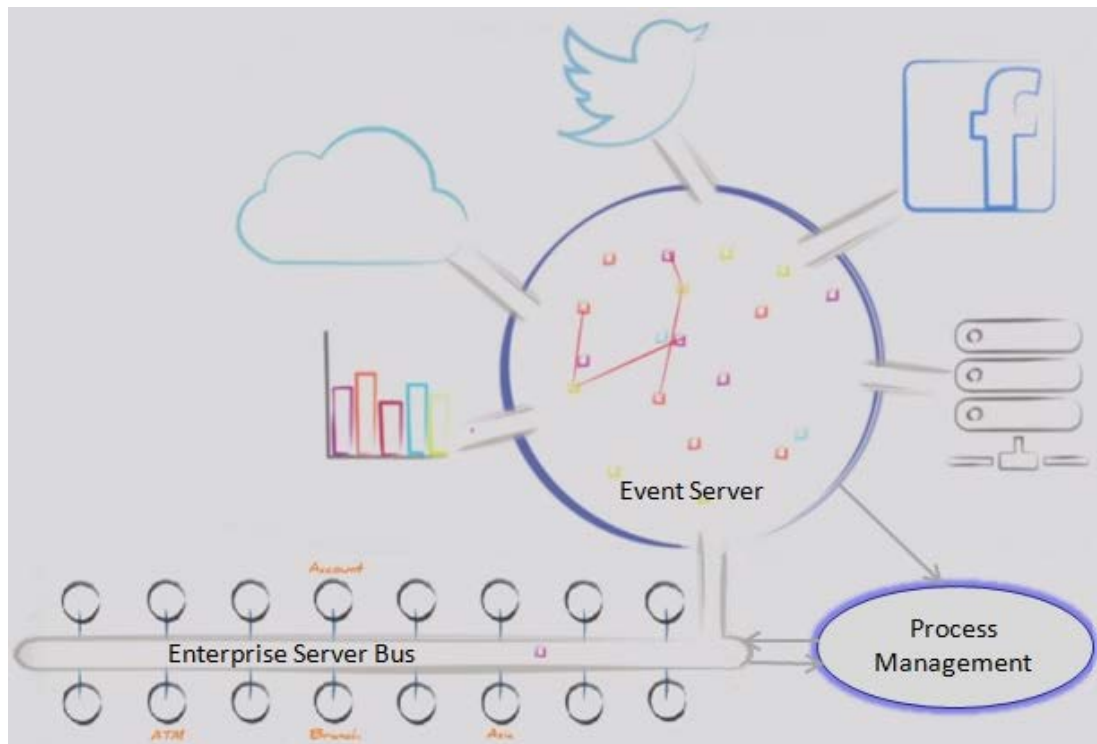
2. Project "Social Media Integrated Business Intelligence" (Master Thesis)

Masters Internship (BPM, Complex Event Processing, Real Time)

This Internship is for a student from the faculty of Informatics with a strong interest in real time business process management and complex event processing. This thesis is part of a larger project aiming at the development of a solution that supports the integration of a social media feed (in this case twitter) within an BI environment (TIBCO Spotfire, Streambase, Liveview) and demonstrate it with a working real life example. The student has to cooperate with two other students and experts of TMNS.

Positioning

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Goal

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Period

Project starts in January 2015 and will end in June 2015

Profile

The student (in his/her masters phase) has to work in a team and covering the knowledge area's:

- Business Process Management
- Enterprise Service Bus
- Complex Event Processing
- Java
- Data Modeling, Ontologies

Project Details

Starting with a training period of two weeks introducing:

- Spotfire
- TIBCO Process Management and TIBCO Enterprise Service Bus
- TIBCO Complex Event Processing, Streambase, Liveview

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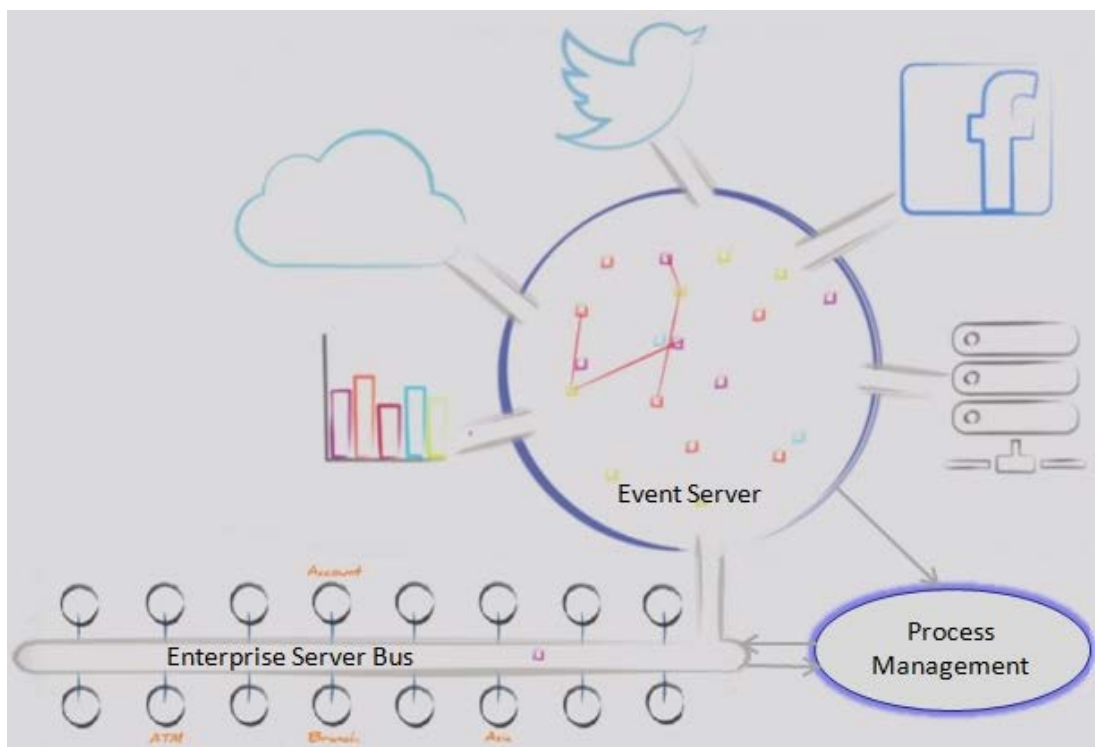
3. Project "Social Media Integrated Business Intelligence" (Master Thesis)

Masters Internship (Natural Language Parsing, Human Behavior, Sentiment Analysis)

This Internship is for a student from the faculty of Artificial Intelligence with a strong interest in defining models to value unstructured data feeds like twitter using NLP and sentiment analysis in a real time environment. This thesis is part of a larger project aiming at the development of a solution that supports the integration of a social media feed (in this case twitter) within an BI environment (TIBCO Spotfire, Streambase, Liveview) and demonstrate it with a working real life example. The student has to cooperate with two other students and experts of TMNS.

Positioning

The next picture (from TIBCO Spotfire) presents a general view on using BI in a real-time environment, analyzing data running through the Enterprise Service Bus coming from different (business related) events and combining it with feeds from social media. The results of this analysis in the Event Server will define the next processes that will be executed through the Process Manager. This combination of system integration (ESB & BPM) and BI is the core competence of TMNS.



Goal

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Period

Project starts in January 2015 and will end in June 2015

Profile

The student (in his/her masters phase) has to work in a team and covering the knowledge area's:

- Data Modeling, Ontologies
- Natural Language Parsing
- Sentiment Analysis, Human Behavior

Project Details

Starting with a training period of two weeks introducing:

- Spotfire
- TIBCO Process Management and TIBCO Enterprise Service Bus
- TIBCO Complex Event Processing, Streambase, Liveview

- Selecting NLP tooling

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