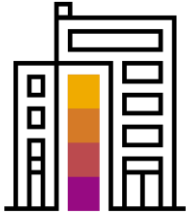




SAP® Innovation Awards 2020 Entry Pitch Deck

Automate Your Enterprise News Management with
Artificial Intelligence (AI) and Machine Learning (ML)

VANTAiO



Company Information

Headquarters	Mainz, Germany
Industry	Software manufacturing for flexibly adaptable portal solutions based on SAP
Web site	www.vantaio.com

VANTAiO is known for its expertise in SAP portal solutions & technology. Based on our modular system, we supply preconfigured software modules, add-ons and complete solutions for your SAP business purpose: Digital Workplace, HR Portal, Customer Portal, Service Portal or Supplier Portal.

Contemporary, attractive portal solutions for SAP do not necessarily have to be based on complex individual projects - we are more than convinced of this.

That's why we use all our expertise and experience from over 500 successfully completed SAP portal projects to develop and implement preconfigured software and project modules as well as complete solutions. All VANTAiO portal solutions are thematically well thought-out, flexibly adaptable, easy to implement and ready-to-run. With this all-round modular approach, you can get to your desired portal pragmatically and easily, and also save time and money. But not in terms of quality and functionality.

Enterprise News Manager – Automated, Intelligent, Everywhere

VANTAiO

VANTAiO



“Reliable information is absolutely necessary for the success of an operation.”

(Christoph Columbus)

Challenge

Important company messages are scattered across digital and analog channels. Others are outdated or irrelevant for certain employee groups, but remain in the system. New and important messages are missing. Available on PC/notebook, but not on Smartphones, TVs and other devices. High manual distribution efforts.

Solution

Enterprise News Manager is 100% based on SAP Cloud Platform and creates a realtime news management with multiple news sources, free choice of output channels and flexible user experience, while automating manual efforts and consolidating enterprise news in a single point of maintenance (SPoM) using AI and ML techniques.

Outcome

Significant effort and cost reduction up to 80% for editorials and IT administrators maintaining the company news and related channels. Measurable employee satisfaction by creating and maintaining a feeling of importance and inclusion by enabling intelligent enterprise news politics. Providing a clear information structure of the company's objectives and the connection to the related employees based on their activity group is the key for success.



80%

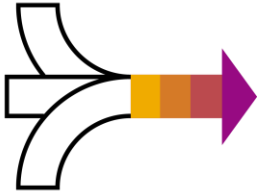
Cost Savings for news distribution and maintenance

90%

Reduction of response times, necessary corrections and message status updates

70%

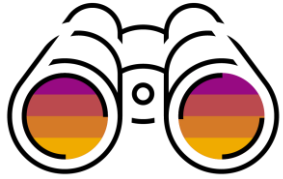
Employee satisfaction



Business Challenges and Objectives

- The classic “news” understanding of the intranet is outdated. Employees need much more information in the company as “news”. The employee expectation for the provision of information has increased significantly - they expect professional news in a higher frequency and related updates.
- Messages can usually only be consumed via PC/notebook. Smartphone or TV access is often not possible. Messages must be captured multiple times and redundantly for different output channels. This applies in particular to TV displays and Digital Signage.
- Important messages are scattered across the company’s various digital and analog channels. Many messages are outdated but remain in the system. At the same time new and relevant news are missing as well as their channeling to relevant recipients. Many messages have too little relevance to the daily work of the employee, while he is missing important news he requires.

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- Editorial approvals in CMS systems take too long due to workflows, so often the “watercooler conversation” is much faster. The Enterprise News Manager increases the speed by using process automation for editorials and administrators on a single point of maintenance (SPoM) with the use of artificial intelligence and machine learning in order to determine, which news are relevant to whom and how to avoid efforts for editorials and administrators for: status updates, follow-ups, news segmentation and consolidation as well as the former maintenance that was necessary in multi news channel company infrastructures.
 - The amount of messages and the sources are difficult for the user to control, but with the help of the intelligent Enterprise News Manager, this can be achieved very easily.



Project or Use Case Details

Central news system



Messages can be created and managed centrally, i.e. independently of later multiple, publication locations.

Various message channels



Messages can be freely divided into topics and channels. This information can be used as a filter, for example.

Individualization by the user



Users can easily select and permanently set their preferred news channels.

Flexible representation



News can be displayed and output in different formats, depending on the device or presentation context.

Authorization-Groups

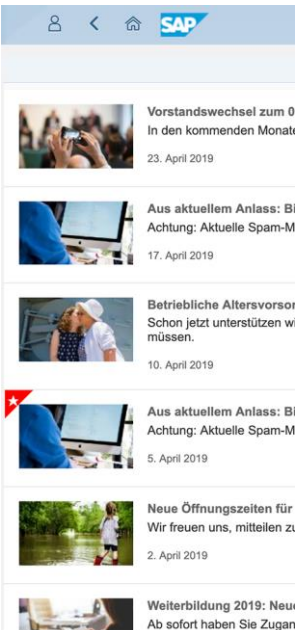


Support for different authorization groups to distinguish which editors can create which messages.



Example Use Cases:

- Sandra Lewis is informed on a display in the entrance area that her preferred company parking will be closed tomorrow and what alternative options are available to her.
- Tanja Scott has been with the company as a newcomer for a week and learns with help of the Enterprise News Manager, which other employees are also new to the company.
- Jonas Lee receives information in his personal area that the return rate has decreased significantly in the last calendar week





Benefits and Outcomes

Business or Social

- Up to 80% cost savings for news distribution and maintenance
- Increases business success by enabling an intelligent and automated enterprise news distribution which transports up to date objectives to relevant recipients on multiple devices
- Inclusion of customers and other visitors via dedicated screens with differentiated information
- Usage of AI and ML generates further and evolving effort savings for editorials and administrators

IT

Up to 90% reduction of:

- administration response times
- necessary corrections of already distributed messages
- message status updates
- (re)filtering of messages

Human Empowerment

70% employee satisfaction by getting:

- better / more relevant information
- improving their identification within the company
- Involvement into the company objectives
- increasing the value of their own information and transforming it into business value
- focus on creative humane actions rather than repetitive ones

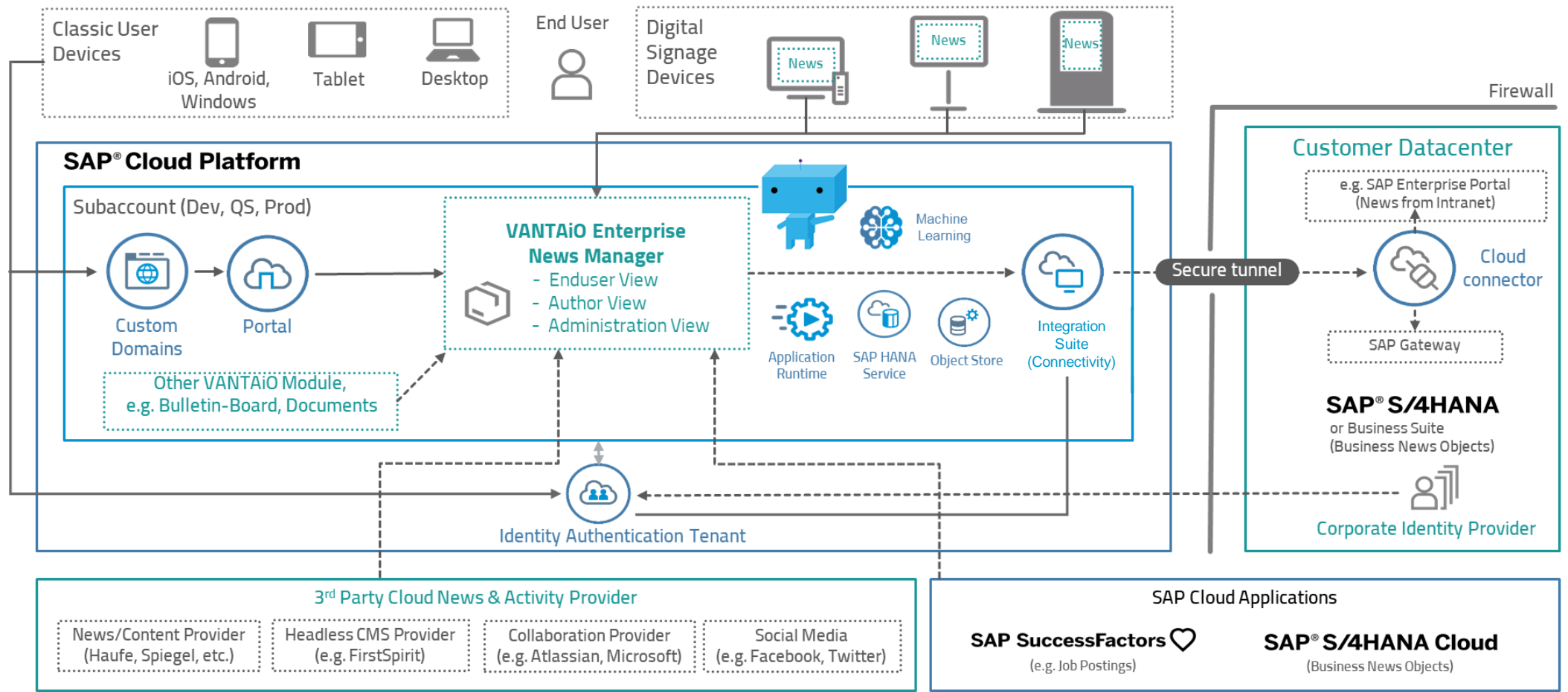


Architecture





Architecture





Deployment

Deployment status Live

Date Q4/2019

Number of users 100

SAP technologies used:

	SAP product	Deployment status (live or proof of concept [POC])	Contribution to project
1	SAP Cloud Platform	Live	Implementing Cloud Native / Event Based Architectures Extending the digital core with SAP Cloud Platform
2	SAP S/4HANA	POC	Using intelligent automation to drive transformation by connecting SAP S/4HANA to SAP Cloud Platform and providing relevant business news objects
3	Other SAP Technology	POC	Integrating SAP SuccessFactors for keeping informed about relevant HR information, e.g. HR news or new employees
4	SAP Cloud Platform Integration Suite	Live	Connectivity to customer datacenter

If you have used one of the services or support offerings from SAP Digital Business Services during the implementation or deployment phase, please select with ☒ one or more of the following offerings:

☐ SAP MaxAttention™

☐ SAP ActiveAttention™

☐ SAP Advanced Deployment

☐ SAP Value Assurance

☐ SAP Model Company

☒ Others: Participant in SAP Fiori
CEI-Program

☐ SAP Innovation Services

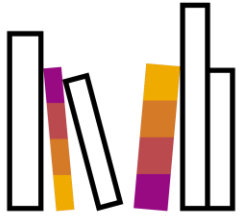
☐ SAP Innovative Business Solutions



Advanced Technologies

The following **advanced technologies** were part of the project.

	Technology or use case	Yes or No	Contribution to project
1	3D printing	No	
2	Blockchain	No	
3	Internet of Things (IoT)	No	
4	Machine learning or AI	Yes	Learning and identifying news distribution preferences of editorials, administrators and employees
5	Conversational AI	Planned	News can be requested by end users via natural language
6	Robotic process automation	Yes	Automating news input and distribution from multi channel sources to multi devices
7	Data anonymization	No	
8	Augmented analytics	No	

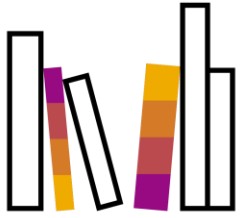


Additional Information

Please have a closer look at the VANTAiO Enterprise News Manager at:

<https://youtu.be/3VWVC7PonFM>

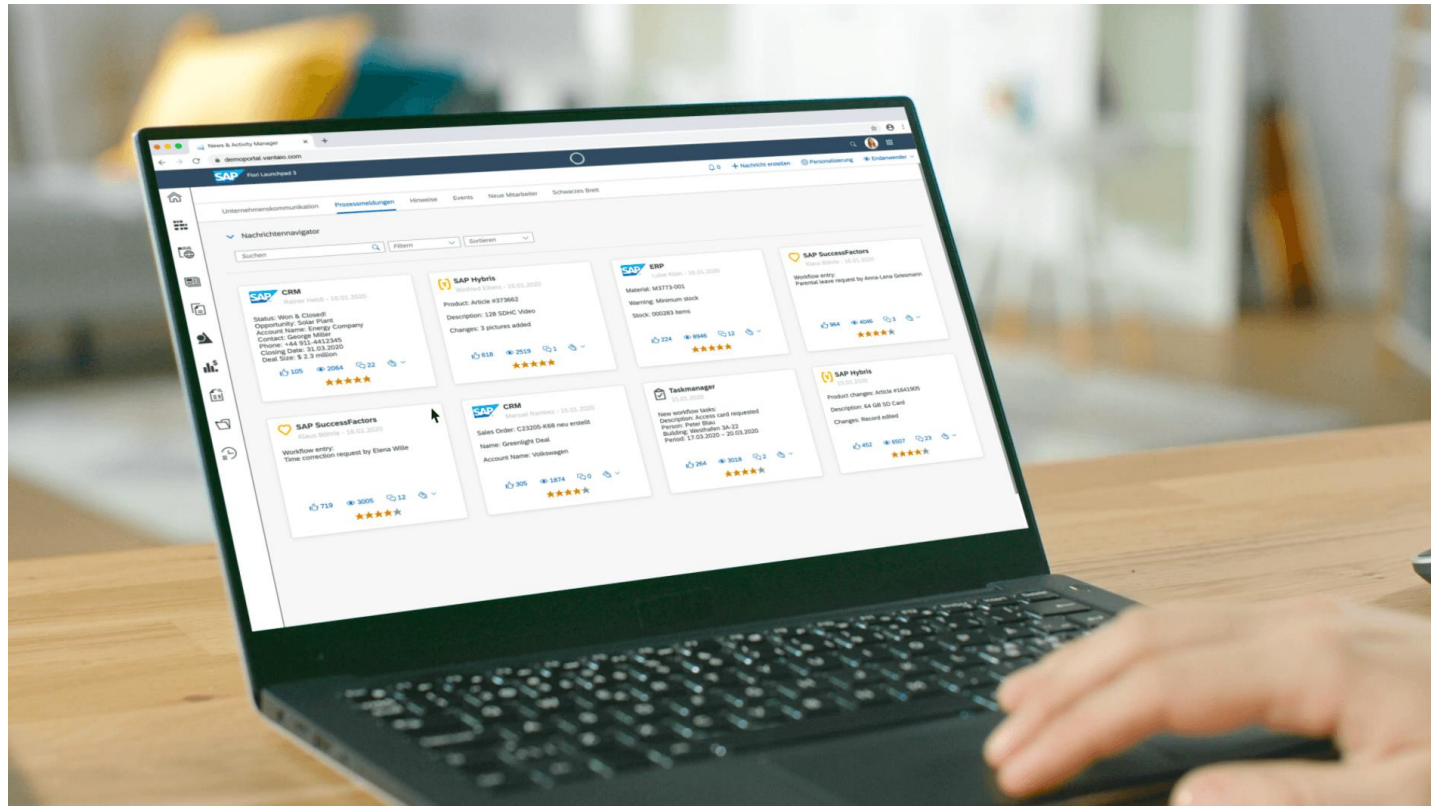


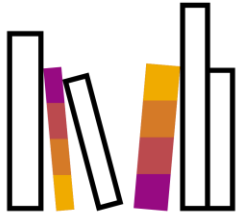


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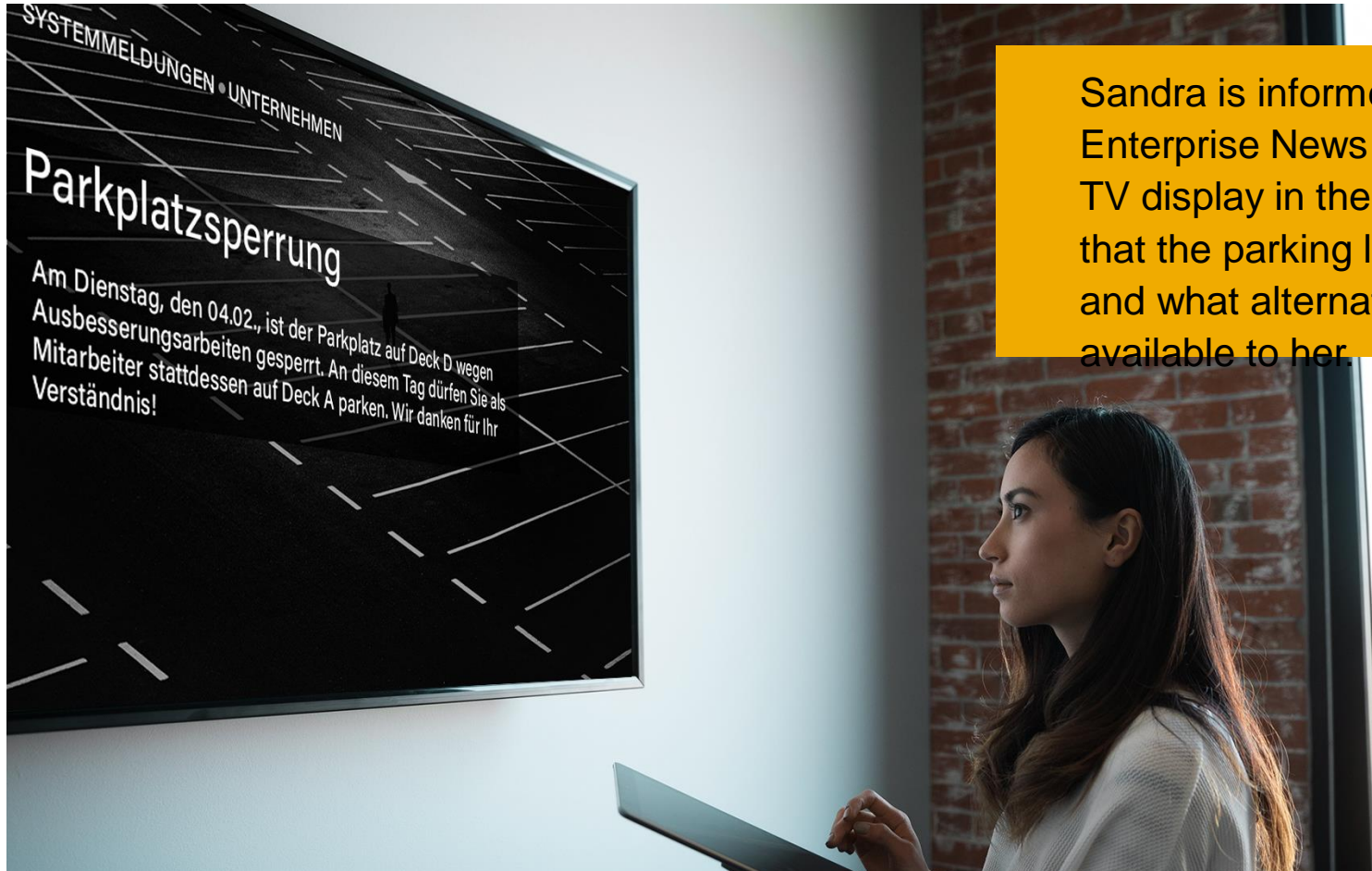
<https://www.vantaio.com/en/products/modules-and-apps/enterprise-news-manager>



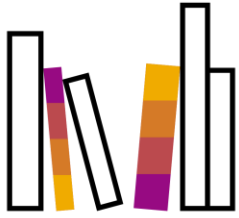


Additional Information

Example Use Case: Receive relevant enterprise news via TV Display

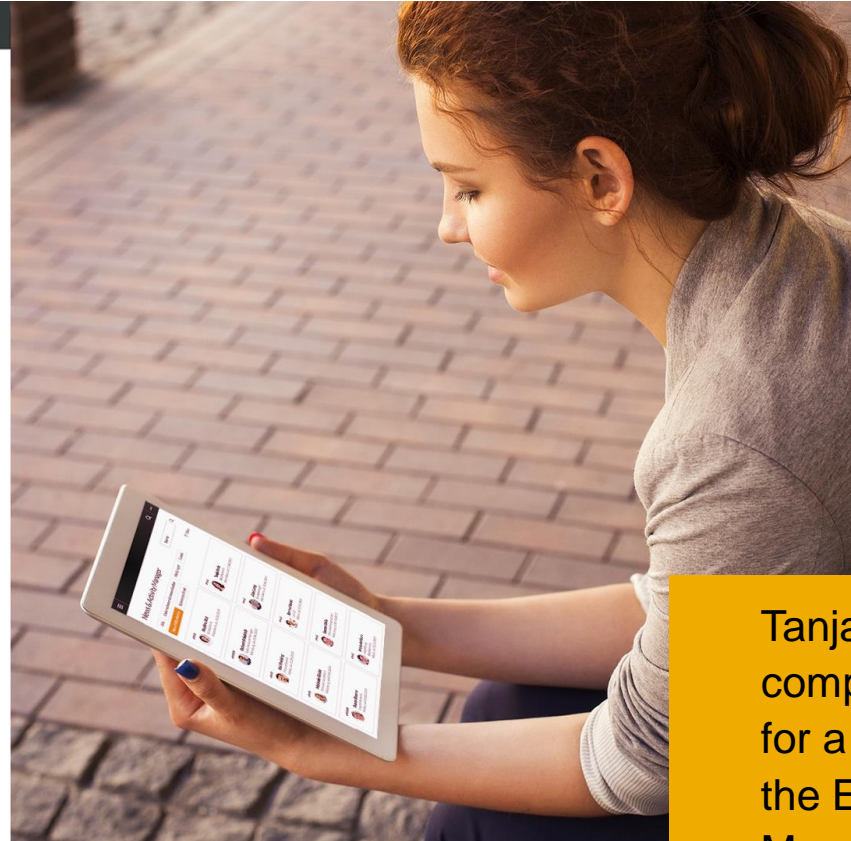
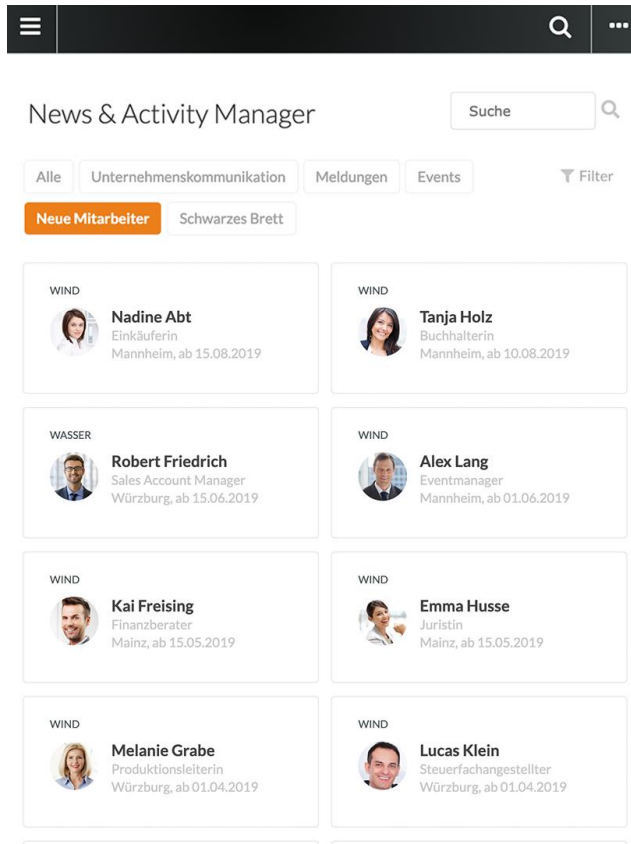


Sandra is informed via the Enterprise News Manager on a TV display in the entrance area that the parking lot will be closed and what alternative options are available to her.

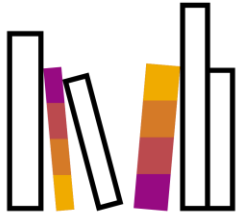


Additional Information

Example Use Case: Get informed about new colleagues via SAP SuccessFactors

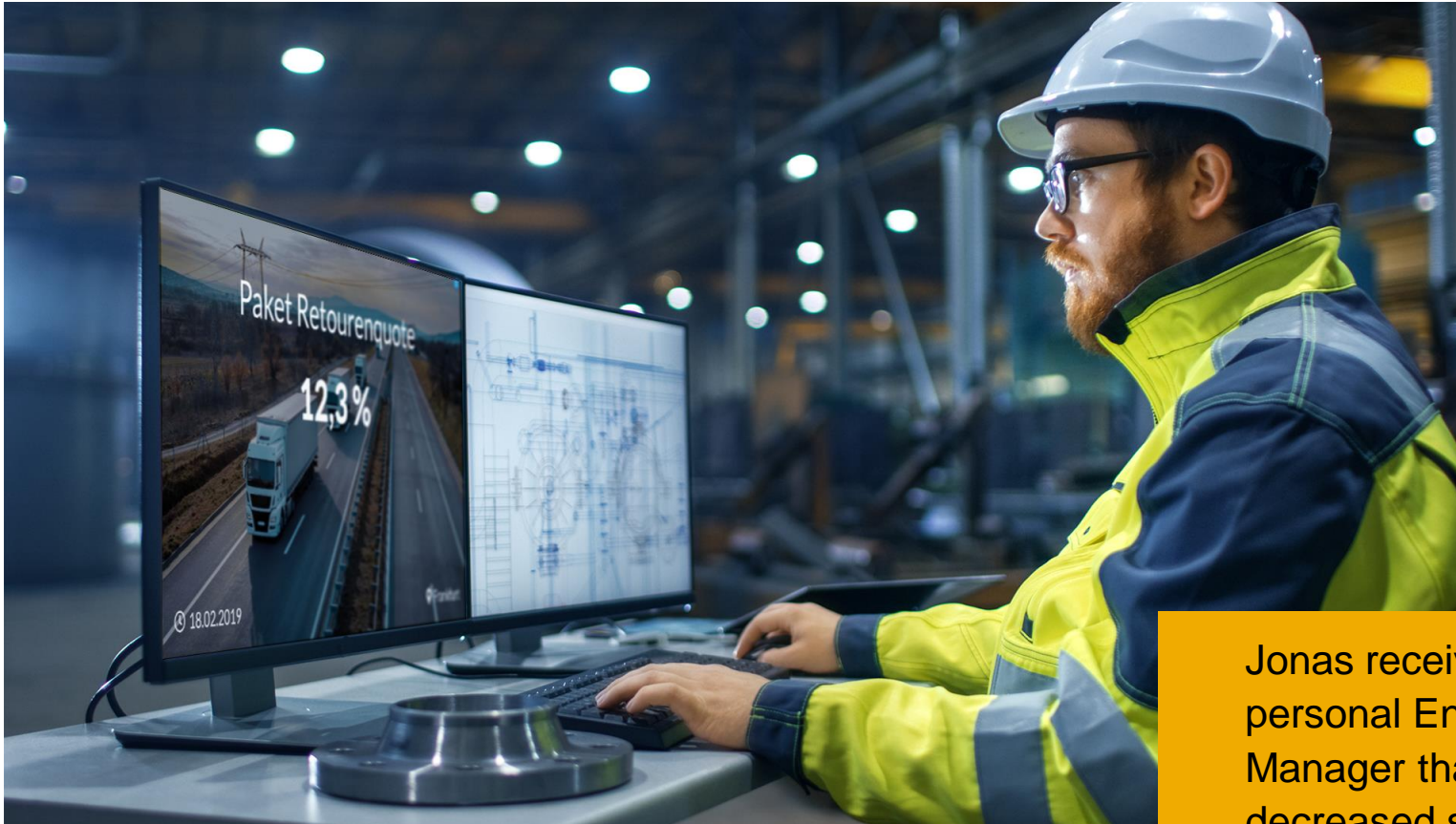


Tanja has been with the company as a newcomer for a week and learns about the Enterprise News Manager, which other employees are also new to the company.



Additional Information

Example Use Case: Get informed from SAP S/4HANA System about relevant KPIs



Jonas receives information in his personal Enterprise News Manager that the return rate has decreased significantly in the last calendar month.