

actesy in the real estate letter – integration for real estate software & in the Smart Home (1/2)

actesy helps with the integration of heterogeneous Application worlds and the Smart Home



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actesy AG – an innovative spin-off of the University of St. Gallen – helps companies of all industries to connect their systems. In principle, this is quite simple, since technical and business applications use the same database and therefore “only” have to learn to “speak” to each other. Through this connection, intelligent machines and devices can be connected in the Internet of Things, holistic central controls for houses, plants and machinery are made possible and the integration of mobile apps on smartphones and tablets finally becomes reality.

Like hardly any other industry, the real estate and housing industry is faced with enormous challenges associated with digital change. The Internet of Things alone – i.e. the possibility of digitally networking a wide variety of devices and systems via the Internet with each other and with a central control system – represents a huge potential in terms of efficiency gains and cost savings. But even the current challenges of information technology, such as the consolidation of all areas of commercial, technical and strategic real estate management, are still an ongoing project for most organizations.

Regardless of whether they are real estate managers, project developers, center managers, fund managers, banks, insurance brokers, trustees of foundations or asset managers, facility managers in industrial companies, property managers, security employees, craftsmen, utility company employees or government representatives – they all need an internal or external view of relevant information relating to real estate. Hardly any software can provide such a 360-degree view of the property. The necessary data are – if available at all – “trapped” in countless applications.

Hardly any provider is currently able to combine all

aspects of real estate management in an individually configurable user view. The solution is so obvious: with the actesy metadata framework, IT managers in the real estate and housing industry can realize the necessary data insight for practically any requirement – provided the data is available. With the help of actesy, the existing databases are read out and summarized in a new, uniform database. Thus new views on the data can be created, while the old applications and their databases can continue to work completely unchanged.

But actesy also offers remedy for the extremely probable case that the data and the applications necessary for their collection are not available at all. With the actesy framework, additional applications with self-developed business logic can be created on the existing database without extensive programming knowledge.

In the process, other data fields can also be entered, so that, for example, the master data from the existing applications can be supplemented with additional data from a newly developed application. The integration of previously unconnected application worlds is also possible with the actesy framework. For example, project developers can link their CAD applications with commercial solutions in order to extend master data by the parts lists from construction projects. And finally, the object data can also be linked with solutions for project management, for example for service work or maintenance tasks. In this way, mobile employees can be optimally prepared to drive to the object because they already have all the necessary information at their fingertips on their mobile devices.



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And finally, facility management can also be combined with new functions for the smart home. For example, it is possible to network smart terminals, sensors or actuators via a cloud or edge solution in the Internet of Things and switch them via a central control system – even from a smartphone. Surveillance cameras and other security systems can also be linked to the master data from existing applications, giving the real estate industry a comprehensive view of the objects to be managed.

actesy is a start-up that was founded last year and is already emerging with well-known companies from industry, finance and public administration. Specialized in integration projects in the field of Enterprise Resource Planning (ERP) and eCommerce projects, the actesy team has created an integration platform

with the actesy Metadata Framework, which enables practically all applications to exchange data and expand with additional business logic. actesy is thus an accelerator not only in application integration, but also in the implementation of digitization strategies.

Especially in the real estate and housing industry actesy sees considerable challenges. As a rule, heterogeneous worlds still exist today that have to be standardized and combined, while at the same time new possibilities for increasing efficiency, cost savings and new services can be added with the smart home via the Internet of Things. actesy also allows step-by-step migration to cloud computing, from which especially real estate companies with a large regional distribution benefit.



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