

## INTRODUCTION OF THE CYGNA AUDITOR PLATFORM AT THE CITY OF ZÜRICH - OIZ



**Stadt Zürich**  
**Finanzdepartement**

Zurich is a city, political municipality, and the capital of the canton of the same name in Switzerland. Zurich is considered the economic center of Switzerland. The entire economic area in and around Zurich is also referred to as the 'Greater Zurich Area.' It is particularly characterized by low tax rates and a high quality of life, which is why some international corporations have a base in Zurich. Due to its global economic significance, the city of Zurich is counted among the Global Cities.

Legally speaking, the city of Zurich is a Swiss municipality, with a population of approximately 404,783 people, making it the most populous city in Switzerland. Approximately 222,347 eligible voters elect a 125-member city council every four years, which enacts laws and ordinances, and a nine-member city council that acts as the government and manages the operational business. In total, there are currently 43 different service departments.

The citywide IT is centrally managed by the „Organisation und Informatik“ (OIZ) service department. The OIZ is responsible for both the operation and further development of the central IT basic infrastructure, as well as for IT services and for ensuring a uniform IT strategy. At the present time, OIZ employs around 380 internal IT specialists. In addition to the central IT, there are IT specialists in the service departments who are responsible for managing specific specialized applications.



„We were convinced by the functionality and the ability to meet multiple requirements with just one product or a range of products.“

In this context, OIZ also researched products that enable the monitoring and logging of Active Directory objects and encountered N3K at the X-Days, the most important business and networking fair in Switzerland.

In February 2012, the first tests were carried out. For this purpose, N3K, the only Cygna distributor in Switzerland, made available all modules of the Cygna Auditor Platform. N3K Network Systems recommended OIZ conduct a Proof of Concept, which also met the needs and approach of the customer. During this POC, OIZ had the opportunity to run through practical real-life scenarios to assess the practicality of Cygna's products. After successfully testing the functionality, the city of Zurich decided to implement all 7 modules that were tested, as many substantive synergies resulted from the combination of these modules. These synergies are largely based on the architectural 'One Platform' approach of the Cygna Auditor Platform. All modules communicate exclusively with one database and can intelligently network the data contained therein.



„The products from Cygna Labs were seamlessly integrated into our existing environment.“

„The functionality and the ability to cover multiple requirements with just one product or a range of products convinced us,“ says Cyrill Rickenbach, department head at OIZ. Because the „Auditor for AD“ records all changes in the AD without gaps and this information is available in real-time in the database, Cygna is able to perform a roll-back (complete/incremental) or online restoration at any conceivable point in the past without regard to backup times. Furthermore, on this data basis, it is also possible, for example, to define alerting and prevention rules for AD changes.

In May 2012, the Cygna Auditor Platform was successfully introduced, adhering to the planned completion date. Despite minor difficulties during the implementation, N3K and OIZ achieved a seamless integration of Cygna products into the already existing environment.



„With the modules from Cygna Labs, we can log all activities in the AD at any time and restore deleted objects with just a few clicks in the event of an error.“

Cyrill Rickenbach, department head at OIZ, considers the modules of the Cygna Auditor Platform to be very forward-looking. Moreover, OIZ purchased the Auditor SQL Server in March 2013, which provides auditing functions for Microsoft SQL Server.

### N3K NETWORK SYSTEMS

Rapidly growing IP networks require professional solutions for various facets of network management. N3K Network Systems specializes in the areas of IP Address Management, Privilege Management, and Active Directory Management. This specialization enables them to develop solutions tailored to the individual requirements of customers with high expertise.

N3K supports customers throughout the entire project cycle in needs analysis, conception, project planning, implementation, and training. Additionally, they offer extensive maintenance services, including worldwide 7x24 support and direct dial-in with the customer.

Building on this simple and effective philosophy, N3K has established itself as a leading provider in Germany. More than 50% of DAX companies are N3K customers. With locations in the USA and Singapore, services can be provided worldwide.

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About N3K: Fast growing IP networks require comprehensive professional solutions for key aspects of network management. N3K specializes in solutions for DNS, DHCP & IP Address Management (DDI), Active Directory & Cloud Auditing, and Privilege Management. Strong focus has developed a very high level of expertise and experience. This has resulted in a history of successful and effective project delivery to fully meet the individual requirements of a high quality, diverse customer base. As a result, N3K has become a very successful business. N3K supports customers throughout the entire project cycle - analysis, design, project planning, implementation and training. After implementation, the company delivers extensive ongoing maintenance and support services including global 7x24 support. The company tag line „Networks for the third millennium“ expresses a deep belief in the long term. Over the life of the company this is demonstrated by a history of successful cooperation with both suppliers and a broad range of customers drawn from a wide selection of vertical industries. Based on this philosophy, N3K Network Systems has established itself as a leading provider in Germany - more than half of the DAX companies now rely on n3k products and services. With locations in the US and Singapore, services can be provided worldwide.

