



3D Digitalization with ACOS NMS REAL

Don't waste your time with useless travelling or ineffective planning and maintenance processes. Make use of our new enhancement of the ACOS NMS asset management – ACOS NMS REAL. Providing a detailed 3D-digitalization and visualization of the inside as well as the interior of buildings it allows you to make decisions from your workplace without going onsite.

The following scenarios illustrate the scope and features of the new ACOS NMS REAL:

Scenario 1:

We want to digitize our asset management for the first time. But how can we do this?

- We scan your location, building, cabinets and assets by means of a **high resolution scanner** (cutting-edge cameras and laser technology) receiving accurate 3D-data and images for further processing within ACOS NMS REAL. You can define which kind of data are gained through the scanning process (e.g. electromagnetic field strength,..). Your asset management system becomes more **flexible, modern** and **sustainable**.

Scenario 2:

Where is certain equipment located and how does it look like?

- In ACOS NMS REAL you can move through **digital space**. This means that you don't have to physically cover distances but see anything on your workplace as you would be **onsite**.

Scenario 3:

We want to install a new and modern RTU. But is there even enough room for it?

- ACOS NMS REAL enables you to **measure distances** in a virtual environment (e.g. free space in a rack or cabinet, height of a device, distance to wall,..). This helps you to exactly plan extensions or to do **calculations** in digital space.

Scenario 4:

I am in front of my substation. Where is this certain distribution panel?

- Access your data via all popular **mobile terminals** anytime, anywhere with the help of the **3D Indoor Viewer**. It navigates you through the location to the selected device and it presents a **360° panoramic view** at the current position.

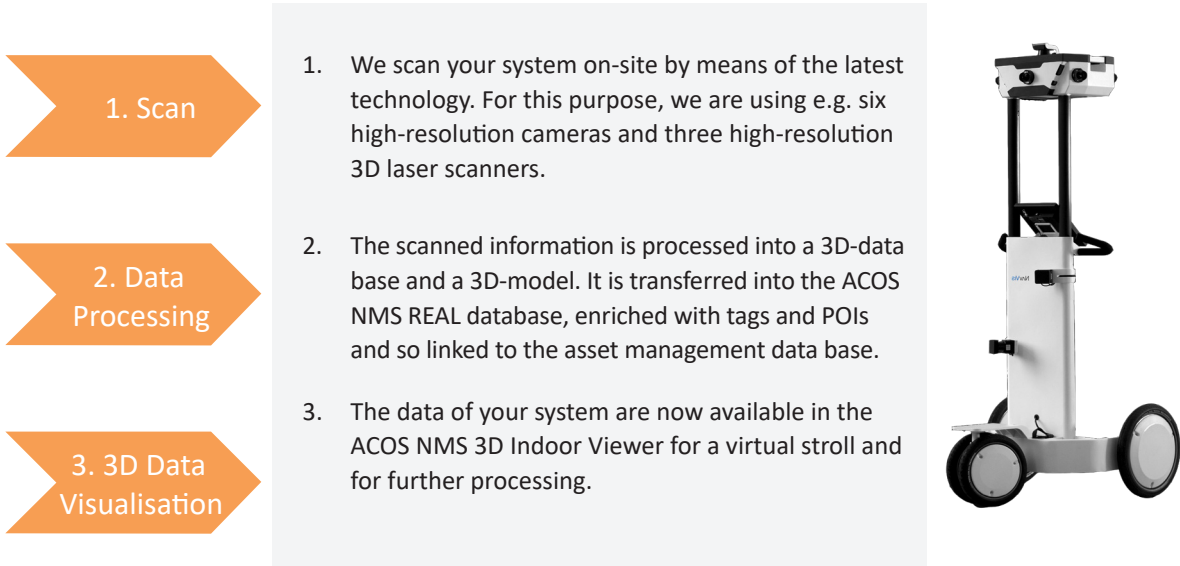
Scenario 5:

Mr Smith is away on holiday and we need to service a device. But wait – wasn't there something particular we had to bear in mind?

- In the 3D view mode, users can define **points of interest (POI)** and store documents, e.g. working instructions, safety advices etc.
- These POIs are **geo-referenced**, and together with their background information, they provide all the necessary knowledge to staff; this information is continually available and **cannot get lost** e.g. when staff leaves the company. Moreover, you can access these documents directly via the virtual display and have a clear **overview of everything**.

How is it done?

The scanning of your system is prepared by IDS GmbH. Basically, the process is as follows:



Taking Your Company and Your Network Control System into a 3D-Digital World.

The ACOS NMS Asset Management System from IDS

Our ACOS NMS product suite offers **tailor-made solutions** for **consistent** network and asset management. With ACOS NMS, you have an **innovative and future-oriented** tool to help you master current and future challenges.

The core of ACOS NMS is the basic module which includes a user management feature and serves as parameterization tool. Based on this module, ACOS NMS can be adapted individually and expanded by a variety of modules to meet your requirements

ACOS NMS – Module Overview:

