

Polaris 3D™ is a software application used to commission, configure and control the ETAP Excellum system. It enables configuration of every system parameter of the lighting in a building (or campus of buildings) and establishes the baseline settings for the following system features:

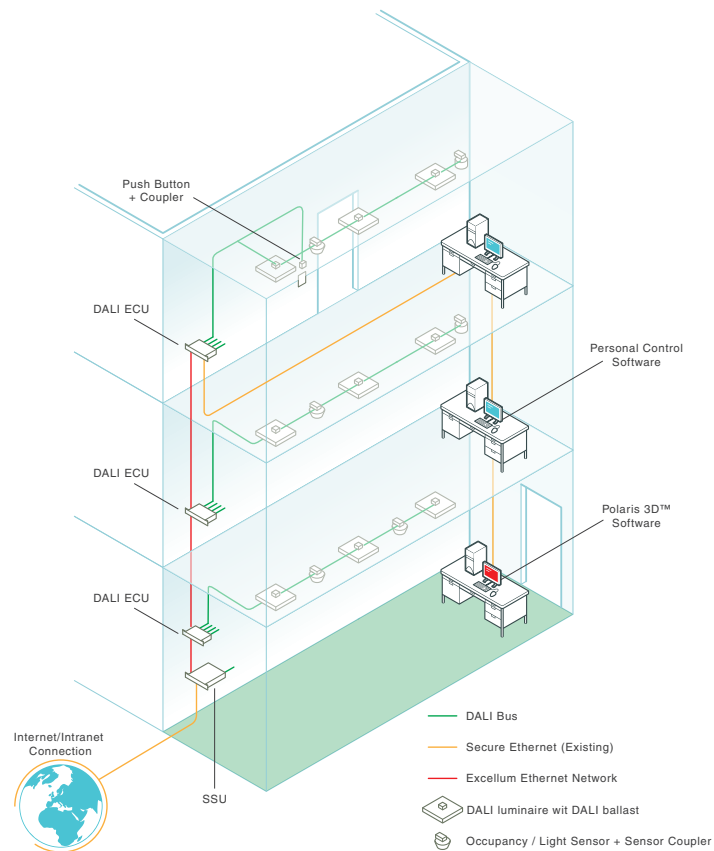
-  Evolving with the building
-  Personal control
-  Scenario setting
-  Integrating with other technologies
-  Ease of use and management
-  Intelligent time control
-  Daylight-dependent control
-  Adjustment to the task
-  Presence detection
-  Limitation of peak load



Polaris 3D™ is a floor plan based graphical interface that permits a user to easily navigate between zones, floors or different buildings and to zoom in on specific areas of a building. Navigation throughout a building can also be done via a zone tree with each zone being labeled according to its use or location. Advanced system features such as creation of zone hierarchies, overlapping and support zone definitions, user access rights, timeout settings for presence detection, calibration of light levels for daylight dependant control and the setting of multiple time schedule profiles are controlled through Polaris 3D™.

Polaris 3D™ also enables convenient "drag and drop" addressing of all hardware devices connected to the system such as luminaires, sensors, relays or lighting controllers. The system links the physical location of a luminaire to a defined zone and associated lighting functionality. No pre-assigned addresses are therefore required upon installation, making for simple specification and swift installation. Similarly, regrouping of luminaires or assignment of a sensor to a group of luminaires or zone is accomplished via software rather than by physical rewiring. In the event of a building reconfiguration or renovation, updated floor plans are easily imported.

As building lighting requirements and operating characteristics change over time, Polaris 3D™ is used to reconfigure system settings to ensure optimum lighting and energy management. Interfaces to other building automation systems utilizing standard protocols using BACnet®, are also set up within Polaris 3D™.



The Building Energy Management System for Lighting

Excellum is a light management system that aims to improve personal lighting comfort and to achieve optimum energy saving. Combining the user-friendly 3D control software with the freely addressable switching and dimming functions, Excellum is able to create the right light in the right place at the right time with optimum quality while at the same time avoiding unnecessary energy consumption.

System requirements (Polaris 3D™)

Operating system	Microsoft Windows XP or 7
Min. hard drive space	1000 MB
Min. RAM	1GB
Network connection with access to an ECU connected on that network	
Microsoft Silverlight	

Order code

Polaris 3D™ software is included in the software licence of the ECU (C3C00).

ETAP NV

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