

The Siemens logo is displayed in a bold, teal, sans-serif font.

Ingenuity for life

These buildings are a home.

Data-driven services from Siemens help the non-profit public housing association Alpenländische offer its residents maximum comfort.

#CreatingPerfectPlaces

[siemens.com/perfect-places/services](https://www.siemens.com/perfect-places/services)

Alpenländische has been developing and implementing residential and complete projects in Tyrol and Vorarlberg for almost 80 years, offering residents attractive, affordable and comfortable living space.

A sustainable pacesetter

Setting trends instead of reacting to developments is the principle behind Alpenländische, and the reason why this non-profit public housing association is one of the most successful developers in western Austria as well as a valued partner to the communities located there. Alpenländische relies on decades of experience and is always seeking out new challenges to successfully master. Numerous distinctions, including national and international energy saving awards and the Vorarlberg Developers' Prize for the Restoration of Old Buildings, are impressive proofs. But there's more to it than just a desire to innovate. It's all based on Alpenländische's conscientious commitment to its task as a non-profit association: to create comfortable living space at stable prices that are predictable over the long term.

Digitalization is quality of life

For modernizing a total of 135 heating systems, Alpenländische found the ideal partner in Siemens. "I wanted to set new standards in terms of heating system analyses and hot water heating and to play a pioneering role, which is why I contacted Siemens," explains Wilhelm Muzyczyn, Managing Director of Alpenländische. The willingness of both parties to assume this role together and to develop a standard in plant engineering that provides transparency of energy costs was the cornerstone for a collaboration that has already lasted 16 years.

Muzyczyn values the continuity of the Siemens team and the fact that the project was – and continues to be – a joint venture. This long-standing collaboration has led to in-depth knowledge of Alpenländische's

requirements, where new ideas are constantly yielding new challenges. The result: extraordinary solutions that benefit both partners.

Did you know?

The building management platform Desigo™ CC sends an text message to the responsible heating engineer. The benefit: The cause of the error is determined without on-site diagnosis and the engineer knows which spare part is needed.

A perfect place in numbers



1 non-profit public housing association

Always online, complete oversight

The most important thing about a heating system is that it heats. Although it sounds trivial on the surface, it's essential for tenant comfort and satisfaction. "Monitoring technical equipment and drawing comparisons so that we can know exactly why something works and why something doesn't work is very important to us," says Muzyczyn, summing up Alpenländische's core requirement. It's why availability and predictability were crucial for the modernization of a total of 135 heating systems. With a total of 9,000 data points, the building management platform Desigo CC ensures that the heating systems are seamlessly monitored, around the clock. The physical data is stored on a Siemens server in Feldkirch and can be verified by Alpenländische employees using a Windows app client.

Desigo CC is always online. If a heating system malfunctions, it sends an e-mail to Alpenländische and, after a 30-minute delay, to the heating engineer responsible. The benefit: The cause of the error has already been identified so it doesn't have to be determined on site – the engineer already knows the spare part and type of repair needed ahead of time. Consequently, faults are detected more quickly and downtime is kept to a minimum, which in turn saves time and money, prevents unplanned outages, reduces the number of maintenance calls needed, and improves tenant satisfaction.

Easy to operate, sustainably efficient

Many properties are equipped with publicly funded solar plants for backup heating. To evaluate the yield, Alpenländische and Siemens jointly developed a system that uses a traffic light system to make output transparent at a glance. It's always clear which plant is working within which parameters, which is important information when public funds are involved. As a free energy source, the solar yield is buffered in the heating system, saves energy, and reduces the number of starting and switch-off processes, thus saving energy costs, increasing efficiency and extending the plant's service life.

This customized solution is an excellent example of the cooperation between Alpenländische and Siemens: A brilliant idea on the part of the customer becomes the starting point for a sophisticated solution that exploits all the possibilities of digitalization to create smart buildings – buildings that become perfect places for their residents and owners because they're both energy-efficient and comfortable. That's the most important point for Muzyczyn: "Maximum comfort for our residents is the Alpenländische Heimstätte philosophy." And it's precisely the reason why Alpenländische and Siemens will continue to cooperate closely in the future.

Highlights

- A customized solar yield management control system makes the output of the installed solar plants transparent
- The building management platform Desigo CC with 9,000 data points as well as e-mail or text message notification in the event of a malfunction
- 600 data points for Navigator – the cloud-based energy and sustainability platform, for meaningful energy data
- For 16 years, a permanent team for Alpenländische as a basis for confident cooperation

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