

NORWEGIAN GETAWAY

# Smooth sailing

The Norwegian Getaway, one of the largest cruise ships in the world, offers passengers a breathtaking escape from the ordinary. Boasting an industry-first ocean-side walkway, unique entertainment venues and 28 dining options, the Getaway is an extraordinary megaresort in a class by itself.







Accommodating nearly 6,000 passengers and crew on seven-day cruises out of Miami, USA, the Getaway is a triumph of technology and efficiency. In the marine industry, reliability is the gold standard. KONE delivers on this through on-time delivery and relentless commitment to quality.

### Flowing cooperation

Involved early on in the design process, KONE helped Norwegian achieve a balance of on-board people flow solutions – enough to deliver efficiency, but not at the expense of valuable space. Unique software meets complex logistical needs, such as disembarkation, food service and laundry.

“Customized programs linking passenger elevators in groups create highly efficient people flow in compact quarters,” says **Georgios Mavrelis**, Norwegian’s Fleet Electrical Director. A designated gangway button, for instance, delivers passengers directly to the appropriate deck, eliminating bottlenecks during disembarkation.

Planning is also what set KONE apart in this project. Construction schedules are particularly critical in the shipbuilding industry. All service elevators must be completed two months before the ship is released for delivery; while passenger elevators must be completed one month in advance of delivery. KONE worked closely with the shipyard to ensure all schedules were met. “We know we can count on KONE to meet these deadlines,” says **Hanno Buss**, shipbuilder Meyer Werft Project Manager (Outfitting).

“KONE has a separate project unit specifically for elevator and escalator solutions in marine applications, and that resource is invaluable. Through extensive collaboration between KONE and our shipyard, we are able to meet the challenges of an expanding shipyard, larger vessels and tight deadlines.”

### Attention to detail

Cruise ship elevators can make as many as one million starts a year, nearly one every 30 seconds. To ensure consistent performance in a 24/7 environment, KONE uses local installation crews who specialize in marine installations.

KONE Regional Director **Jörn Wienholz** notes, “Norwegian’s operational staff knows we understand their needs and they trust us to provide elevators that are dependable and easy to service, even in the middle of the ocean.”

Such reliability is complemented by eco-efficiency. Industry-leading KONE technology delivers reduced fuel consumption, an important concern in a highly competitive industry. Through the use of regenerative drives, excess energy is converted into electricity that is returned to the ship’s power grid, generating expected energy savings of more than 250,000 Kwh per year.





## SUMMARY

### Challenge

- To design innovative and reliable on-board solutions that enable smooth people flow in a demanding 24/7 environment
- To provide intelligent solutions that deliver improved serviceability and maximize eco-efficiency

### Solution

- Early involvement in design and installation of elevator and escalator packages
- Customized solutions to meet the unique needs of marine applications
- Dedicated local marine project and installation teams

## FAST FACTS

### Norwegian Getaway

- Year built: 2014
- Capacity: 3,963; Crew: 1,640
- Gross Register Tonnage: 145,655
- Overall Length: 324 m
- Number of decks: 18
- Cruise speed: 22.5 knots
- Ship owner: Norwegian Cruise Line
- Shipbuilder: Meyer Werft
- Architect: Tilberg Design (for passenger cabins)

### KONE Solutions

- 14 KONE MiniSpace™ elevators
- 16 KONE MonoSpace® elevators
- Gangway button solution for elevators
- 2 KONE escalators
- KONE E-Link™ monitoring system
- KONE InfoScreen displays