



FREQUENTIS at a glance

Communication and information solutions
for a safer world

FREQUENTIS
FOR A SAFER WORLD

Specialist for communication and information solutions for safety-critical control centres

Safety-critical communication and information solutions from Frequentis leverage 75 years of experience of experience showcasing true leadership in this market. With deep cross-industry experience in civil aviation, defence, public safety, public transport and maritime markets built upon its initial control centre voice communications focus.

Headquarters **Vienna** Austria
Global nature of our business

75% STEM* & specialists 50+ nations

2,150+ employees end of 2021

Established **1947**

Solutions partners and regional offices in **50+** countries

revenue in 2021 **€ 334M**

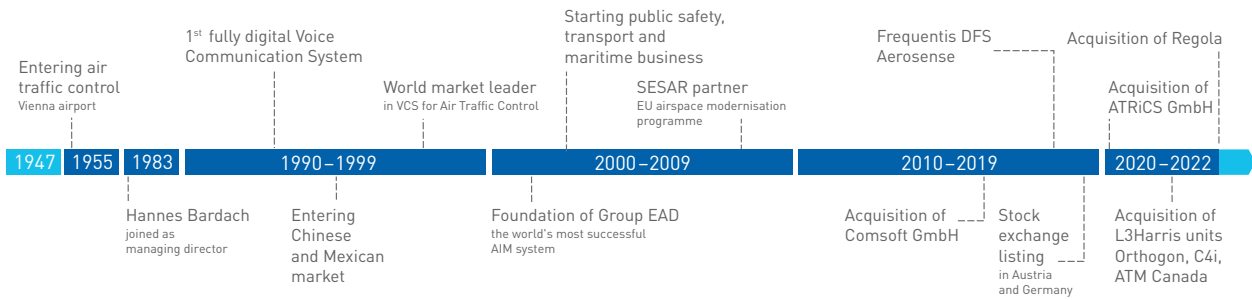
30+ Years of profitable growth

* Science, Technology, Engineering, Math

75 years of innovation in safety-critical solutions

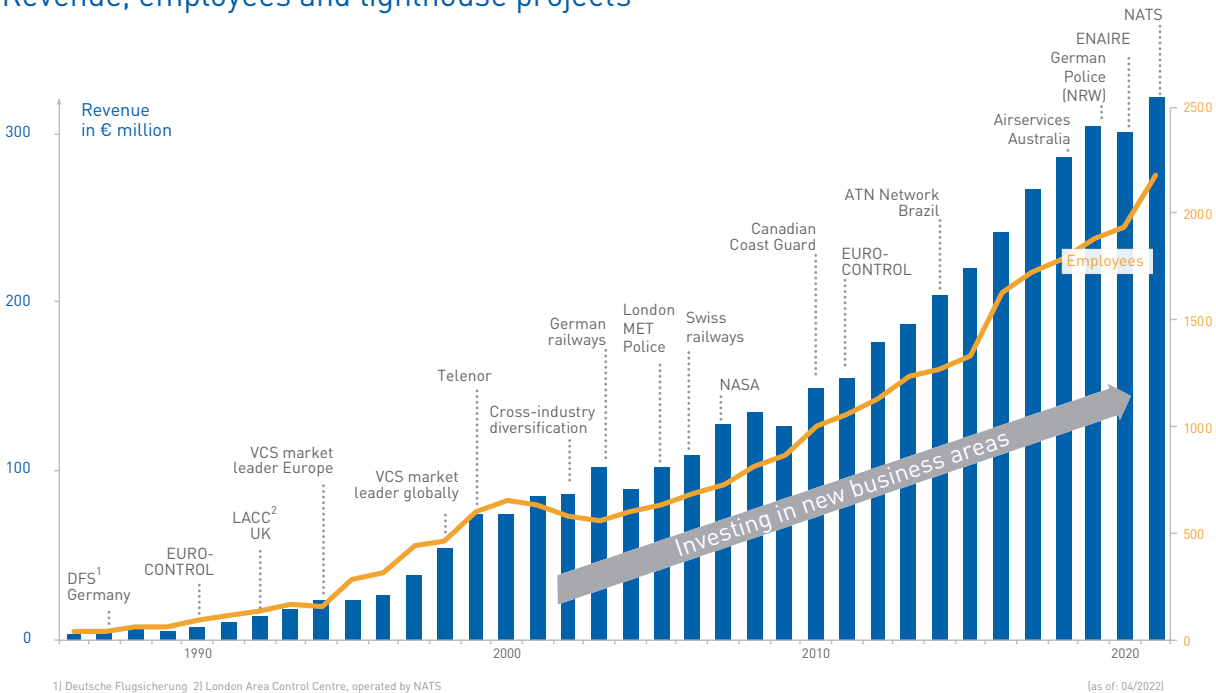
Air Traffic Management		Public Safety & Transport		
Civil	Defence	Public Safety	Public Transport	Maritime
Professional services				
Voice & data communications				
Cyber security: no safety without security				
Networking for safety-critical communication and information				
Drone detection, management and defence				
Digital tower solutions: classic and remote				
Information management				
Surveillance				
Aeronautical message handling system				
Situational awareness				
Incident and crisis management				
Common products and solutions				
Innovation management				
R&D: leveraging cross-industry heritage in product development				

Company milestones



Sustainable growth for more than 30 years

Revenue, employees and lighthouse projects



1) Deutsche Flugsicherung 2) London Area Control Centre, operated by NATS

(as of: 04/2022)

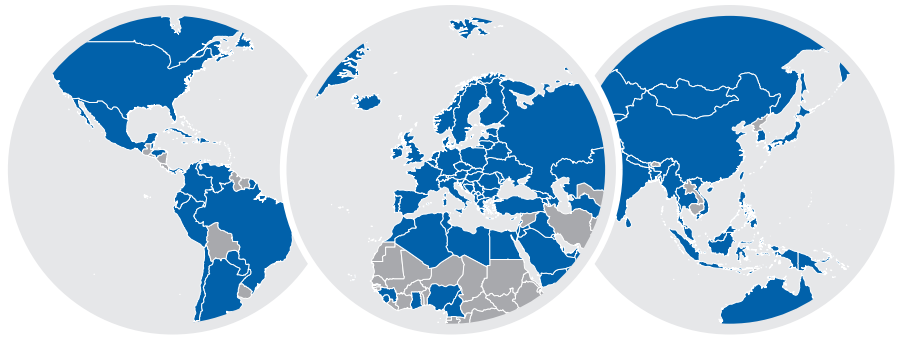
Group structure

FREQUENTIS AG, Austria				
	Regional Sales & Operations	Software product companies	Software development	Further participations
Europe	Frequentis Deutschland, Germany	ATRICS, Germany, 51%	Frequentis Czech Republic	AIRlabs Austria, 18%
	Frequentis France	CNS-Solutions & Support, Austria	Frequentis Romania	GroupEAD Europe, Spain, 28%
	Frequentis Norway	ELARA Leitstellentechnik, Germany, 51%	Frequentis Solutions & Services, Slovakia	Frequentis DFS Aerosense, Austria, 70%
	Frequentis UK	Frequentis Comsoft, Germany	PDTS, Austria	Mission Embedded, Austria, 20%
		Frequentis Orthogon, Germany		Secure Service Provision, Germany, 80%
		Nemergent Solutions, Spain, 15%		Systems Interface, UK, 51%
		Regola, Italy, 51%		team Technology Management, Austria, 51%
Australia/Asia	Frequentis Australasia, Australia	C4i, Australia		AIRNAV Technology Services, Philippines, 40%
	Frequentis Middle East, UAE			
	Frequentis (Shanghai), China			
	Frequentis Singapore			
Americas	Frequentis Brazil	Frequentis California, USA		
	Frequentis Canada	Frequentis Canada ATM		
	Frequentis Defense, USA			
	Frequentis USA			

Simplified visualisation; all shareholdings 100% unless otherwise stated. Company names abbreviated. As at March 2022.

Selected projects

The company's products and solutions equip more than 40,000 operator working positions in over 150 countries.



Air traffic management



Defence

Ciscea, Brazil Nationwide ATM-grade network incl SDDS-NG & NetBroker; remote digital tower.

DFS, German Air Traffic Control VCS in ACC, APP and towers; Divos, VCX, radar transmissions, RAPS; remote digital tower; SDDS-NG, AIDA-NG.

Federal Aviation Administration/ National Aeronautics and Space Administration, USA Largest air traffic control VCS rollout program in the world. Mission Operations Voice Enhancement (MOVE) program.

Eurocontrol Largest AIM system worldwide, shared by 50+ ANSPs and 300+ organisations, ARTAS service.

AirNAV, Indonesia Full ATM automation system at Indonesia's main hub.

Airservices Australia Key technology partner OneSKY communication and airfield management.

US Department of Defence Remote digital tower technology capability assessment for usage for military ATC. Shipboard ATC voice and mission critical communication systems for the US Navy. ATC voice communication systems for the US Army.

German Armed Forces Major supplier for voice communication in military ATC, air defence and search and rescue.



Public safety

Directorate of Civil Protection, Norway Nationwide communication solution for the Norwegian emergency network Nødnett for Police, Fire, Health and other agencies.

Police North Rhine-Westphalia, Germany Modernisation and standardisation of control centre technology.

London Metropolitan Police Service, UK Largest single command and control operation in Europe.

Austrian Ministry of the Interior Delivery of the Frequentis 3020 LifeX as communication hub between police control centres and police officers, rollout in all federal states of Austria.



Public transport

German Federal Railways First nationwide GSM-R implementation in Europe with more than 2,400 DICORA dispatcher terminals.

Swiss Federal Railways First georedundant solution for nationwide implementation.

Network Rail, UK Countrywide GSM-R system.

Sydney Trains Incident Management solution consolidating disparate processes within a single tool increasing efficiency in the centralised Rail Operations Centre.



Maritime

Canadian Coast Guard Nationwide system covering 240,000 km – the largest coastline globally.

Maritime Port Authority, Singapore Maritime communication system for two vessel traffic centres of the world's busiest port.

Telenor Kystradio, Norway New Norwegian Coastal Radio (NCR2).

Australian Maritime Safety Authority Global maritime distress and safety system.

Awards

- 1995 First Place EU-Export-Award; Euro Market Award
- 1998 Kaplan Medal Award (for the most innovative company)
- 1999 KnewLedge (for professional development and in-firm training); Employment Award; ATCA Chairman's Citation of Merit Award
- 2001 Hermes Award for outstanding entrepreneurial performance; Winner of the Mercur Award for Innovation (DSC Analyser)
- 2003 Nominated for the Adolf Loos Design Award (smartStrips)
- 2004 ATC Maastricht Award for Innovation (Aircraft Identification Tag); Second Place EEEfCOM German Innovation Award (Airbox)
- 2006 Viennovation – Award of Innovation, 3rd price (Security Improvement in ATM)
- 2007 MCA Management Technology Award for UCMP; Multimedia State Award (Category e-marketing and company presentation)
- 2008 Go-International Award, 2nd price
- 2009 "Deeds, no Words" Award for women and family friendly measures
- 2011 NASA Commemorative Medal
- 2012 Hannes Bardach is awarded the Grand Decoration of Honour of the Republic of Austria; Career's Best Recruiters Gold

- 2013 Hannes Bardach – Entrepreneur of the Year
- 2014 Career's Best Recruiters Gold
- 2015 Winner of the Austrian Export Award; Winner SESAR SWIM Master Class;
- 2016 Winner IFATCA Technical Award, smartSTRIPS electronic flight strips; International Critical Communications Award, Best use of TETRA for Public Safety (G7 summit, Bavarian Police)
- 2017 IHS Jane's ATC Technology Award; ATCA Award (FAA VCS and first Remote Virtual Tower for DFS in Germany)
- 2018 NATS Collaborative Supplier Award
- 2019 IHS Jane's Technology Award
Sylvia Bardach is awarded the Grand Decoration of Honour of the Republic of Austria
- 2020 European Small and Mid-Cap Awards: Star of Innovation
- 2020 ATM Award: ATM/UTM Integration
- 2021 Maverick Sustainability Award for Frequentis Orthogon / AMAN system



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