

Finland / Facility / Published revision 2

Elisa Tapiola Data Center Espoo

Unknown MW · Total facility power not established

See capacity evidence for reported claims.

Also known as: Tapiola Center Espoo · Tapiola Data Center Espoo · Elisa Espoo Tapiola

Development status: operational

Elisa operates an underground colocation facility in Tapiola, Espoo. Its service overview reports capacity up to 10 MW without specifying IT, facility or grid power. Current detailed pages advertise 400 kW available capacity and approximately 300 m² of customer equipment space within a 16,000 m² facility. Directory sources identify Ahertajantie 2; the operator address and property coordinates remain unconfirmed.

Last researched: 2026-10-09 | Last verified: Not independently verified

Tracked dataset only. Unknown values are not zero. Evidence dates and measurement definitions must be considered when comparing sites.

Site photographs

No approved property photo available.

Site profile

Field	Published information
Operator	Elisa Oyj [13] [16]
Owner	Unknown
Business model	colocation [16]
Scale	unknown
Country	Finland [13] [14] [15]
State / region	Uusimaa [15]
Metro area	Helsinki metropolitan area [7] [14]
City / locality	Espoo [10] [11] [13]
Address	Ahertajantie 2, 02100 Espoo, Finland [13] [14]
Coordinates	Unknown · unknown precision. Tapiola, Espoo; directory-reported address, with no corroborated property marker or coordinates.
Parent	Not assigned

Capacity evidence

Do not add these claims together. IT load, facility power, grid connection and unspecified power are different measurements. Cumulative and incremental scopes remain separate.

Measurement	Development scope	Evidence / accounting
10 MW Unspecified power	Advertised maximum capacity of Tapiola facility; actual deployed load not disclosed operational · unclear	[3] reported · 2026-10-07 Excluded from totals. Source says up to 10 MW. Exact refers to the advertised ceiling, not actual load. as_of is retrieval date because no claim publication date is displayed. This is not proof of >5 MW actual IT load.
0.4 MW Unspecified power	Available capacity offered to customers operational · unclear	[2] reported · 2026-10-07 Excluded from totals. 400 kW converted to 0.4 MW. as_of is retrieval date, not commissioning date. Available capacity is not total facility capacity and must not be added to or substituted for the 10 MW ceiling.
10 MW Unspecified power	Advertised maximum capacity of Tapiola facility; actual deployed load unknown operational · unclear	[12] reported · Date unknown Excluded from totals. Operator says up to 10 MW. Exact describes the stated ceiling, not utilization. Effective date is unknown; reconfirmed on retrieval 2026-10-09. Repeats the historical c1 claim and must not be counted as additional capacity.
0.4 MW Unspecified power	Capacity currently advertised as available to customers operational · unclear	[10] reported · Date unknown Excluded from totals. 400 kW converted to 0.4 MW. Effective date is unknown; observed on retrieval 2026-10-09. Repeats historical c2. Availability is not total capacity and cannot be added to the 10 MW ceiling.

Development timeline

beginning of 2003 · actual_completion_reported · Radiolinja Tapiola telehousing cave completed

Elisa’s 2002 annual report states that the Tapiola cave followed the Raisio cave’s completion at the beginning of 2003. Association with the present underground Elisa facility is inferred from operator, locality and asset type; exact property continuity and service-opening date remain unresolved. [17]

Disclosed specifications

Facility and offered customer area: 16,000 m² facility; approximately 300 m² customer equipment space

Current detailed operator pages; neither land area nor proof that the whole facility is data hall space. [2]

Physical construction: Underground; EMP-protected

Operator description. [1]

Availability and Tier: 99.741% annual availability; Tier 2 compliant

Current operator claim, without an independently established certification. Older search snippets advertise 99.999%. [2]

Cooling: N+1 recirculation air handling; closed-loop chilled water; dedicated backup chillers

Operator reports $23 \pm 2^{\circ}\text{C}$ and automated monitoring. [2]

Electrical supply: 20 kV national grid; 48 VDC battery/diesel and 400 VAC UPS/diesel systems

Voltage and redundancy do not establish grid connection MW. [2]

Rack power: Up to 25 kW per rack

Maximum advertised rack power; installed rack count undisclosed. [2]

Connectivity: FICIX, major submarine cables, Finnish/Estonian data centers and diverse cable routes

Operator claims; carrier neutrality is unconfirmed. [2]

Energy and heat reuse: Renewable energy and waste heat used for neighboring households

Operator claim; utility separately corroborates Tapiola heat reuse. No facility-specific PUE established. [3]

Facility and offered customer area: 16,000 m² overall complex; approximately 300 m² offered customer equipment space

Operator-reported; neither figure establishes land area or total data hall area. [10]

Physical construction: Underground; EMP-protected

Operator-reported. [10]

Availability and Tier: 99.741% annually; Tier 2 compliant

Marketing claim; independent certification not established. [10]

Cooling: N+1 air handling; closed-loop chilled water; backup chillers

Operator-reported; room temperature $23 \pm 2^{\circ}\text{C}$. [11]

Electrical supply: 20 kV grid; 48 VDC battery/diesel and 400 VAC UPS/diesel systems

Voltage and backup descriptions do not establish connection MW. [11]

Rack power: Up to 25 kW per rack

Advertised maximum; installed rack count unknown. [11]

Connectivity: FICIX, submarine cables, diverse fiber routes and Finnish/Estonian data centres

Operator claims; carrier neutrality and tenants unconfirmed. [11]

Public network records: AS6667 Elisa Corporation; AS719 Elisa Finland

PeeringDB facility entries establish reported network presence, not customer tenancy. No local exchanges are listed despite operator-reported FICIX connectivity. [13]

Energy and heat reuse: Renewable energy; neighborhood heat reuse

Operator-reported; heat reuse separately corroborated by Fortum. [12]

Location candidate requiring review: PeeringDB geocode: 60.178502, 24.798193

Not adopted as profile coordinates. Point provenance and underground property relationship are unknown; municipal evidence identifies a health centre at the address. [13]

Address ambiguity: Ahertajantie 2 also identified as Tapiola health centre

Historical municipal evidence; does not disprove underground co-location but prevents acceptance of an arbitrary surface-building pin. [18]

Historical development relationship: Radiolinja commissioned Tapiola telehousing cave construction

Elisa's report records early-2003 completion and 100% corporate ownership of Radiolinja. This does not establish present legal property ownership. [17]

Public business contact route: Elisa Carrier Services data-centre sales

Operator overview publishes business contacts; no contact was made. [12]

Research gaps

- Property title, legal project company, asset-specific financing and ownership changes remain unresolved.
- Operator confirmation of Ahertajantie 2, underground boundaries and entrance remains missing; the address also identifies Tapiola health centre in municipal evidence.
- PeeringDB coordinates are an unresolved candidate, not an accepted facility point; Google Maps listing and visuals were inaccessible.
- Actual IT load, facility power, grid connection MW and effective date/basis of the 10 MW advertised ceiling remain undisclosed in inspected sources.
- Radiolinja's early-2003 Tapiola cave completion is historical evidence; exact continuity with the current named facility and customer-service opening date require confirmation.
- Current land area, installed racks, PUE/WUE, public tenants, carrier neutrality and independent Tier certification remain unresolved.
- Historical PUE 1.6 surfaced in the indexed 2020 responsibility report, but the relevant table could not be reliably reopened or visually inspected.
- No inspected, attributable exterior or aerial photograph with established reuse rights was found.
- Research incomplete: underground planning/property records, historical PUE table and current facility-specific sustainability disclosures require a further pass.

Sources and field evidence

Attribution does not establish independent verification or permission to reuse images. URLs refer to public evidence.

[1] Tapiola Center Espoo - Elisa

https://elisa.fi/operaattoreille/teletilapalvelut_ratkaisut/konesalipalvelut/tapiola-center-espoo/

Published: Unknown · Retrieved: 2026-10-07

Finnish facility page identifies Tapiola Center Espoo and advertises 400 kW for sale, about 300 m² customer space within about 16,000 m², underground EMP protection and Tier 2 compatibility.

[2] Tapiola Data Center Espoo - Elisa

https://elisa.com/carrierservices/Co-location_services_and_solutions/data-center-services/tapiola-center-espoo/

Published: Unknown · Retrieved: 2026-10-07

Opened English page lists 400 kW available capacity, approximately 300 m² customer space in a 16,000 m² facility, shared/private rooms, cooling, electrical redundancy and connectivity. Search snippets retain older, different specifications.

[3] Data center services - Elisa

https://elisa.com/carrierservices/Co-location_services_and_solutions/data-center-services/

Published: Unknown · Retrieved: 2026-10-07

Opened operator overview names the underground Tapiola facility in Espoo and reports capacity up to 10 MW, Tier 2 compliance, renewable energy and heat reuse.

[4] Elisa Espoo Tapiola Data Center in Helsinki | DataCenterJournal

<https://www.datacenterjournal.com/data-centers/finland/helsinki/elisa-espoo-tapiola/>

Published: Unknown · Retrieved: 2026-10-07

Directory identifies Elisa Oyj as operator and gives Ahertajantie 2, Espoo, 02100, Finland. Displays last updated December 3, 2024; its footprint estimate is not adopted as underground facility area.

[5] Elisa Espoo Tapiola Data Center | Baxtel

<https://baxtel.com/data-center/elisa-espoo-tapiola>

Published: Unknown · Retrieved: 2026-10-07

Directory lists Ahertajantie 2, Finland, Helsinki metro and operational status.

[6] Helsinki-Uusimaa Region - Helsinki-Uusimaa Regional Council

<https://uudenmaanliitto.fi/en/helsinki-uusimaa-region/>

Published: Unknown · Retrieved: 2026-10-07

Regional council lists Espoo among its member municipalities in southern Finland. Page displays an update date of February 19, 2026.

[7] Helsinki Region Trends, 2018 | City of Helsinki

https://www.hel.fi/hel2/tietokeskus/julkaisut/pdf/18_04_18_Trends_2018_Erjansola.pdf

Published: Unknown · Retrieved: 2026-10-07

Page 11 explicitly defines the Helsinki metropolitan area as Helsinki, Espoo, Kauniainen and Vantaa.

[8] Co-location services and solutions - Elisa

https://elisa.com/carrierservices/Co-location_services_and_solutions/

Published: Unknown · Retrieved: 2026-10-07

Elisa describes its own underground Tapiola data center and offers equipment accommodation and colocation services; legal property ownership is not established.

[9] Fortumin kaukolämpöverkkoon hukkalämpöä jo toisesta Elisan datakeskusta | Fortum

<https://www.fortum.com/fi/media/2020/05/fortumin-kaukolampoverkkoon-hukkalampoa-jo-toisesta-elisan-datakeskusta>

Published: Unknown · Retrieved: 2026-10-07

Utility distinguishes Säteri from Tapiola and quotes Elisa confirming that Tapiola waste heat has heated Espoo homes and properties for several years. The illustrated property is Säteri.

[10] Tapiola Center Espoo - Elisa

https://elisa.fi/operaattoreille/teletilapalvelut_ratkaisut/konesalipalvelut/tapiola-center-espoo/

Published: Unknown · Retrieved: 2026-10-09

Opened Finnish operator page: underground EMP-protected facility; 400 kW offered capacity; about 300 m² customer space in a 16,000 m² complex; Tier 2 compatibility.

[11] Tapiola Data Center Espoo - Elisa

https://elisa.com/carrierservices/Co-location_services_and_solutions/data-center-services/tapiola-center-espoo/

Published: Unknown · Retrieved: 2026-10-09

Opened current English facility page confirms service offering and specifications. Indexed older text differs from the opened page; no change date is supplied.

[12] Data Center Services - Elisa

https://elisa.com/carrierservices/Co-location_services_and_solutions/data-center-services/

Published: Unknown · Retrieved: 2026-10-09

Names underground Tapiola in Espoo separately from Säterinportti and Raisio; advertises capacity up to 10 MW, renewable energy and neighborhood heat reuse.

[13] Elisa Espoo Tapiola - PeeringDB

<https://www.peeringdb.com/fac/3228>

Published: Unknown · Retrieved: 2026-10-09

Lists Elisa Oyj, Ahertajantie 2, Espoo 02100, FI; geocode 60.178502, 24.798193; networks AS6667 and AS719. Entry displays last update 2025-09-26.

[14] Elisa Espoo Tapiola Data Center - Baxtel

<https://baxtel.com/data-center/elisa-espoo-tapiola>

Published: Unknown · Retrieved: 2026-10-09

Opened directory lists Ahertajantie 2, Finland, Helsinki metro and fully operational status; related regional news does not establish site-specific expansion.

[15] Helsinki-Uusimaa Region - Helsinki-Uusimaa Regional Council

<https://uudenmaanliitto.fi/en/helsinki-uusimaa-region/>

Published: Unknown · Retrieved: 2026-10-09

Lists Espoo among regional member municipalities in Finland. Displays last update 2026-02-19.

[16] Co-location services and solutions - Elisa

https://elisa.com/carrierservices/Co-location_services_and_solutions/

Published: Unknown · Retrieved: 2026-10-09

Opened operator page identifies its underground Tapiola data centre and markets equipment accommodation. Corporate marketing language does not establish property title.

[17] Elisa Communications Corporation Annual Report 2002

https://corporate.elisa.com/attachment/content/Elisa_annual_2002.pdf

Published: Unknown · Retrieved: 2026-10-09

Printed page 10, PDF page 12: Radiolinja commissioned Tapiola and Raisio telehousing caves; Tapiola completed at the beginning of 2003. Report identifies Radiolinja as wholly owned by Elisa Communications Corporation.

[18] Palautteen tiedot - Espoon palautepalvelu, record 123224

<https://easointi.espoo.fi/eFeedback/fi/View/123224>

Published: 2019-11-05 · Retrieved: 2026-10-09

Municipal service response identifies Tapiola health centre at Ahertajantie 2. This establishes a competing surface-property identity, not the underground data-centre boundary.

[19] Fortumin kaukolämpöverkkoon hukkalämpöä jo toisesta Elisan datakeskusta - Fortum

<https://www.fortum.com/fi/media/2020/05/fortumin-kaukolampoverkkoon-hukkalampoa-jo-toisesta-elisan-datakeskusta>

Published: Unknown · Retrieved: 2026-10-09

Opened utility announcement quotes Elisa confirming longstanding Tapiola heat reuse. Its photograph and quantified new project concern Säteri; no publication date was displayed in accessible text.

Name: [10] [11] [12]

Aliases: [1] [2] [4] [10] [11] [13]

Kind: [2]

Country: [13] [14] [15]

Region: [15]

City: [10] [11] [13]

Metro: [7] [14]

Address: [13] [14]

Operator: [13] [16]

Business Model: [16]

Statuses: [11] [14]

Summary: [10] [11] [12] [13] [16]

Location: [1] [4] [5]

Stable identifier: 5055b73e-035d-441f-b210-4056b7ea6fac