

Finland / Site / Published revision 1

Microsoft Vihti data center

≈220 MW · Facility power

Campus peak electricity demand in the 2023 EIA programme

Also known as: Vihdin datakeskus

Development status: under construction, planned

Microsoft cloud campus south of Nummela, comprising four buildings in the assessed plan. Construction is documented, with later expansion planned. Approximately 192 MW of planned campus IT capacity is reported in indexed EIA text; operational capacity is unconfirmed.

Last researched: 2026-10-07 | 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	Microsoft [3] [4]
Owner	Unknown
Business model	owner operated [4] [5]
Scale	unknown
Country	Finland [4] [5]
State / region	Uusimaa [1] [8]
Metro area	Helsinki [4]
City / locality	Vihti [1] [2]
Address	Hankasalontie 12, 03150 Huhmari, Finland [2]
Coordinates	Unknown · area precision. Property identified by municipal address and parcel 927-406-5-201, corroborated by EIA locality between road 110 and motorway 1; no sourced point coordinates established.
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
≈192 MW IT load	Four-building campus assessed in the EIA planned · cumulative	[6] reported · 2026-10-07 Excluded from totals. As_of is the retrieval date of indexed primary-source text, not a confirmed design revision date. Direct PDF access failed. This exceeds 5 MW for the assessed planned campus, without establishing delivered capacity.
≈220 MW Facility power	Campus peak electricity demand in the 2023 EIA programme planned · cumulative	[7] estimate · 2023-05-24 Excluded from totals. As_of is the date displayed in indexed programme text. Historical peak-demand estimate, distinct from IT load; current approved demand and grid reservation were not established.

Development timeline

2022-06-06 · announcement · Vihti campus announced

Microsoft named Vihti as the third campus in its Finnish datacenter region. [5]

2023-04-03 · actual · Rosti zoning became legally effective

Date reported in Microsoft's May 2023 community update. [3]

2024-06-05 · actual · EIA reasoned conclusion issued

Completion of environmental assessment procedure; not evidence of facility operation. [1]

2024-09 · actual · Preconstruction began

Operator and contractor document initial site works; contractor passages disagree between 3 and 4 September, so month precision is retained. [8]

2025-06 · actual · Mercury became main contractor

Destia continued earthworks. [3]

2026-04-28 · announcement · Second-phase construction decision confirmed

Microsoft reported permits for all three campuses and intended a 2026 construction start. [4]

2026-2027 · planned · First-phase construction completion

Expected around the turn of the year, followed by commissioning preparation; no operational date confirmed. [4]

Disclosed specifications

Assessed land area: Approximately 60 ha

EIA project boundary, not independently verified land title area. [1]

Municipal property identifier: 927-406-5-201 MICROSOFT

Named property in municipal project announcement. [2]

Assessed building count: Four datacenter buildings

Campus plan; first municipal construction phase comprises one building plus support facilities. [1]

Project-responsible entity: Microsoft 3465 Finland Oy

EIA developer entity; does not establish legal land ownership. [1]

Cooling concept: Direct outside-air cooling

Historical 2023 programme retrieved through indexed text; current installed design unconfirmed. [7]

Heat recovery concept: Office heating and exploration of external heat reuse

Historical programme proposal; external offtake agreement and implemented system unconfirmed. [7]

Electricity supply: National grid

Grid connection MW not established. [1]

Construction contact: info.hel10@mercuryeng.com

Public project contact published by Microsoft; no contact attempted. [3]

Research gaps

- Legal property owner and title
- Sourced campus coordinates
- Actual commissioning date and operational capacity
- Whether second-phase construction has actually started
- Current approved power and cooling design versus historical EIA assumptions
- Building-level capacities and phase boundaries
- Racks, density, carrier connectivity, certifications and public tenants
- Suitable property imagery and reuse permission

Sources and field evidence

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

[1] Vihdin datakeskus

<https://www.ymparisto.fi/fi/osallistu-ja-vaikuta/ymparistovaikutusten-arviointi/vihdin-datakeskus>

Published: 2024-02-07 · Retrieved: 2026-10-07

ELY project page, updated 5 June 2024: Microsoft 3465 Finland Oy is responsible; approximately 60 ha south of Nummela, between roads 110 and 1; four buildings assessed; national-grid electricity.

[2] Microsoftin datakeskushanke etenee Vihdissä

<https://www.vihti.fi/blog/2024/06/26/microsoftin-datakeskushanke-etenee-vihdissa/>

Published: 2024-06-26 · Retrieved: 2026-10-07

Municipality identifies parcel 927-406-5-201 and Hankasalontie 12, 03150 Huhmari. Initial phase comprises one datacenter building and support buildings.

[3] Vihti datacenter project updates

<https://local.microsoft.com/blog/vihti-project-overview/>

Published: Unknown · Retrieved: 2026-10-07

Operator construction updates identify Rosti business park; Mercury became main contractor in June 2025 and Destia continued earthworks.

[4] Microsoft käynnistää pääkaupunkiseudun datakeskusalueen toisen vaiheen rakentamisen

<https://news.microsoft.com/source/emea/2026/04/microsoft-kaynnistaa-paakaupunkiseudun-datakeskusalueen-toisen-vaiheen-rakentamisen/?lang=fi>

Published: 2026-04-28 · Retrieved: 2026-10-07

Operator identifies three campuses in Espoo, Kirkkonummi and Vihti. First-phase construction expected to finish around 2026–2027, followed by commissioning preparation; second-phase permits obtained and construction intended during 2026.

[5] Microsoftin datakeskusalueen kolmas sijaintipaikkakunta on Vihti

<https://news.microsoft.com/fi-fi/2022/06/06/microsoftin-datakeskusalueen-kolmas-sijaintipaikkakunta-on-vihti/>

Published: 2022-06-06 · Retrieved: 2026-10-07

Microsoft announces Vihti as the third separate, independently functioning, synchronized campus in its Finnish cloud region.

[6] Vihti - Ympäristövaikutusten arviointi

https://www.ymparisto.fi/sites/default/files/documents/2024-02-01%20Microsoft%20Vihti%20YVA%20Selostus_0_0.pdf

Published: Unknown · Retrieved: 2026-10-07

Live indexed original-PDF text states approximately 192 MW IT capacity for four planned buildings. Direct open and linked open returned internal errors; document publication date was not independently inspected.

[7] Vihdin datakeskus YVA-ohjelma

<https://www.ymparisto.fi/sites/default/files/documents/Arviointiohjelma%2C%20Vihdin%20datakeskusalue.pdf>

Published: 2023-05-24 · Retrieved: 2026-10-07

Indexed original programme text displays 24 May 2023 and describes approximately 220 MW peak electricity demand, direct outside-air cooling, and exploration of external heat reuse. Direct PDF open failed.

[8] Vihdin datakeskustontin esirakentaminen

<https://destia.fi/uutishuone/hankkeet/vihtidc/>

Published: Unknown · Retrieved: 2026-10-07

Contractor confirms Rosti location and ongoing earthworks; page reports bulk earth transport ended in week 40 of 2026. Historical start-date passages differ by one day.

- Name: [3] [5]
- Aliases: [1]
- Kind: [1] [4]
- Country: [4] [5]
- Region: [1] [8]
- City: [1] [2]
- Metro: [4]
- Address: [2]
- Operator: [3] [4]
- Business Model: [4] [5]
- Statuses: [4] [8]
- Summary: [1] [6] [8]
- Location: [1] [2]
- Stable identifier: 60a529fa-6e99-4922-a389-742bf57b1976