



Our business overview (with prospectus) High-speed Wi-Fi network service







1. Company Profile



Company Name

Founded

Headquarter

Representative Director and CEO

Shareholder

Capitalization

No. of employees

Main Bank

Group

WELSOC Co.,Ltd. <u>http://www.WELSOC.com/</u>

: February 1, 2010

- : 3-4-2, (Shin- Nisseki BLDG 5F). Marunouchi, Chiyoda-ku, Tokyo, 100-0005, Japan
- : Hiroshi Numamoto
- Hiroshi Numamoto
- **730**million yen
- 50
- : Mizuho, MUFG
- WELSOC Iwate Corporation WELSOC Ehime Corporation WELSOC Okinawa Corporation WELSOC Facilities Inc.





2. Our business: Communication revolution

Global communication has shifted from being primarily voice (telephone) to being primarily data.



The reason communication charges are high is because of the excessive quality required for voice (telephone calls)!













Wi-Fi (IEEE802.11) will move to the 7th generation in May 2024 (low price, low carbon, ultra high speed)

Well Society

Communication performance equivalent to 30 optical fibers (maximum speed is 46Gbps)

WiFi 7 Is Coming!





30Gbps Equivalent to 30 optical fibers!

Theoretical maximum transmission rate of WiFi 7 can reach 30Gbps, which is three times the maximum rate of WiFi 6 (9.6Gbps).









The installation cost is 2.5 to 3 billion yen per hectare!
 Just under 40% are Chinese patents (not adopted by the US)
 Concerns about health hazards due to high electric field strength
 Since standards differ in each country, it cannot be called an international standard.





Perfect network management system for Wi-Fi communication business





Digital Transformation through Very High-Speed Wi-Fi communication network

- Support Local Community
- Remote Work
- Enhance Security for the elderly, Children
- Remote Education
- Local Government Cloud
- Digitized Agriculture
- Remote Medical Service
- Disaster Prevention
- Service for inbound tourist ...etc.

Well Society

Our business will be summarized into three categories: (1) Wi-Fi base station that realizes inexpensive and robust regional communication infrastructure using Wi-Fi and LPWA to supplement the existing communication environment, (2) binding services and binding that become more effective as communication costs are reduced, and (3) HW subscription services, a hardware subscription service that becomes feasible as communication costs are reduced.



Well Society

Evolving Cities with Next-Generation Platforms

Cities with Next-Generation Platforms The entire city is under the Wi-Fi umbrella through the Community Networking Service (CNS) project!







ers Well Society WELSOC



High Redundancy 3L Wi-Fi Mesh Communication



Domestic Backbone Network by Wi-Fi



Village without optical fiber

Village without optical fiber

Wi-Fi Base Station

Well Society WFIS



Design

We design equipment with both weatherproof and radio frequency performance specifications to withstand long-term utilization as IT infrastructure equipment.

Weatherability

High weather resistance is ensured for long-term use. The design will be resistant to natural disasters, based on our experience (3 years) of installing and operating Wi-Fi equipment on Miyako Island, Okinawa Prefecture, where extremely strong typhoons pass through every year. We will also take measures to prevent salt damage in coastal areas.

Radio performance

The design shall be based on Wi-Fi6-compliant models. Given the current trend of longer delivery times for related equipment due to the recent semiconductor shortage, we are working to secure equipment as our own inventory.





Wi-Fi Base Station



















WELSOC WiFi





(where there are neither power nor communication lines)



Can be Assembled with Lage Capacity Battery, Solare Panel, Rdio for Long Distance.





Wi-Fi Base Station (No power supply and no optical fiber)







•••• Well Society

Wi-Fi is the best solution





Carbon-neutral?

Well Society

SoftBank Oldocomo



Input power 1000W/h !

%Requires high-voltage power receiving equipment.

%The power supply is too large, backup is not possible.

WELSOC WiFi



Input power Only 10W/h !



VS

One fluorescent lamp is about 40W/h.





	Traditional Communication		Wi-Fi Anywhere	
Communication Area	Carrier	Average Charge	Carrier	Average Charge
Home Landline	ONTT KCCC VALION BE	US\$37 (5,181Yen) + US\$16 (2,222Yen)	Well Society WELSOC	<pre>\$13 Only! (1,800Yen) All you can use! No speed limit! Anywhere! For Junior / Senior 500Yen</pre>
Outcoort	döcomo <i>au</i> ∕ ■ SoftBank	US\$85 (11,841Yen) With Speed Limit		
Indoor Indoor	Wire & Wireless	US\$2.1 (300Yen)/Hr		
Total Charge		US\$140(19,554Yen)		US\$13 (1,800Yen)



3. AI solution using Wi-Fi

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Enabling regional cash flow circulation and measures for the elderly through regional platforms

WELSOC 超高速 Wi-Fi 通信網 地域プラットフォーム



Reduce disaster damage through disaster prevention and mitigation



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WELSOC

Telemedicine and monitoring of the elderly are also possible!



It's OK if you don't have a famous teacher at an AI cram school!



• • Well Society

WELSOC









Fishery DX using Wi-Fi communication

The various communications based on the introduced Wi-Fi can also be used for DX in the fishing industry.

Offshore ships and high-speed communications

>Offshore fish farm management

⇒Management of illness and death using camera images Automatic feeder operation monitoring



Wi-Fi > Base station camera

⇒On-site situation Shoot and send in real time Monitoring for theft and mischief Cooperation with shipping factories

Wi-Fi

Wi-Fi base station



≻AI image analysis

 \Rightarrow Risk analysis of fish diseases, etc.



4. Implementation results

Ehime Prefecture and we had signed a comprehensive cooperation agreement in November 2021, and the big order was received in May 2022! **Over 500 Base Stations!** Wi-Fi通信網の広域的な整備へ協定【愛媛】

松山市 西条市 新居浜市 伊予市 四国中央市 八幡浜支 大洲市 内子町 伊方町 西予市 鬼北町





Track Record Wi-Fi Introduction whole Area of Local City

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WELSOC WiFi

Introduced in all 20 municipalities in Ehime Prefecture



Track Record Wi-Fi Installed in Yahaba-cho, Iwate Prefecture Wellsock



First implementation was in Yahaba-cho in2021, Iwate Over 100 Base Stations!

Track Record - Operating at Miyakojima-shi, Okinawa Prefecture



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2022 Ordered installation in Aizumisato Town, Fukushima Prefecture!





2023: Order received from Kaneyama Town, Fukushima Prefecture!





2022 Kitashiobara Village, Fukushima Prefecture (Example: Tourist spot)



Plans to introduce throughout Fukushima Prefecture!







public institutions. Single sign-on in all over the world.



5. From Japan to the world

Open Roaming Architecture with JP-HUB offering



More than 450 cities & corporates are participated in Open Roaming Well Society

OpenRoaming Status



More than 1 million base stations are with Open Roaming. In U.S. AT&T has chosen passpoint ID for 5G that makes users will be able to connect Open Roaming Wi-Fi globally.



Bangalore City 10,000 base station

Sirsi City 100 base station







Requests and targets from oversea (Americas)





Requests and targets from oversea (Europe)



