



WALOMED BASIN STREET TELEMEDICINE

PRODUCT OVERVIEW—WBST TELEMEDICINE CENTERS

September, 2023

ABOUT WBST

Walomed Basin Street Telemedicine (“WBST”) develops, and selectively operates, or places operations with qualified Operators of, Energy Efficient, Clean Energy-powered, Cybersecure Telemedicine Centers enabled by regulatory-compliant current state Telemedicine Technologies and Next Gen Internet and Information & Communications Technologies (“ICT”).

As Developer, WBST works with Center Owners around the world to deploy and implement cutting edge Off-the-Grid Telemedicine Centers that have highly reliable, high-speed Internet access, most anywhere on Earth, with outsourced Clean Energy, ICT and Cybersecurity systems.

As Operator, WBST selectively works with Center Owners to outsource Center Telemedicine operations to highly qualified Operators.

PRODUCT OVERVIEW: WBST TELEMEDICINE CENTERS

WBST Centers are designed and deployed to respond to the pressing global need for better and more accessible healthcare services, provided by highly energy efficient and highly resilient Off-the-Grid facilities, and powered by the Internet, and capable of providing Telemedicine Healthcare Services that operate almost anywhere on Earth.

Telemedicine Capabilities. WBST Centers are designed around and incorporate integrated Telemedicine Systems, Equipment and Protocols (“Telemedicine Systems”), including Electronic Health Records, that enable WBST Centers to efficiently provide routine Primary Care services to patients, respond to Level 1, Level 2 or Level 3 Emergency Care, provide many Level 3 Surgical Procedures, and consult on short notice with Medical Consult Experts and Volunteers worldwide on complex and unusual matters and unfamiliar treatment protocols.

Energy Efficient Centers: WBST Centers are pre-fabricated with high levels of insulation and airtightness and highly energy efficient designs that are pre-fabricated, shipped to and assembled on-site using highly energy efficient air-tight components. WBST Centers are 40% more energy efficient than centers built using conventional construction methods and materials.

Clean Energy-powered Centers: WBST Centers utilize Solar Roof Systems and Solar/Battery Energy Storage System (“BESS”) Arrays (“Clean Energy Systems”) to generate solar-powered electricity needed for Off-the-Grid Center operations.

Powered by Microgrids. WBST Centers utilize WBST Microgrids and Microgrid Controllers to outsource management of Center Clean Energy Systems, diversify energy management among Centers and their neighbors, and (still in development) access wholesale energy markets.

Microgrids and Microgrid Controllers are particularly useful for owners that deploy multiple WBST Centers and/or large scale Solar/BESS systems for energy sharing and access to wholesale energy markets.

Powered by Low Earth Orbit (LEO) Satellites, and Site and Community Security and other ICT Systems. WBST Centers utilize LEO Satellites and ICT Systems to securely transport, store and process patient data in compliance with data privacy requirements, maintain highly-resilient IP-based communications even when the Grid is down, to provide Site Security and Community Security through Community Camera Systems, and to bridge the Digital Divide in the community served by each WBST Center.



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Cybersecure Centers. WBST Centers are equipped to comply with the [NIST Cybersecurity Framework](#), the globally authoritative cybersecurity model, using manned and AI-powered Remote Cybersecurity Monitoring and Prevention services.

International Building Code Compliant. WBST Centers comply with the [International Building Code](#) (“IBC”), which “establishes minimum requirements for building systems using prescriptive and performance-related provisions. It is founded on broad-based principles that make possible the use of new materials and new building designs.” See https://codes.iccsafe.org/content/IBC2021P2/preface#IBC2021P2_FmPREFACE_FMSeIntroduction.

LEVEL 1, LEVEL 2 and LEVEL 3 CENTERS. WBST Centers are configured to provide Telemedicine services as either Level 1 (3,000 sq. ft.), Level 2 (3,000 sq. ft.) or Level 3 (4,000 sq ft.) Centers. With pre-fabricated Center structures and pre-configured equipment for standards-based service delivery and operation, Centers may be highly-individualized through Owner decisions on Surface Design, Finishes, Signage and Site Plan options. Center site placement will vary with local zoning requirements, terrain, foliage, and optimal solar shingle direction.

Centers are designed to be deployed as stand-alone operations, as one or several Microgrid-aggregated Centers, or as an expansion of existing operations. Multiple WBST Center Telemedicine Systems and Clean Energy Systems are managed via secure and HIPAA-compliant Internet- and Microgrid-powered services.

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WBST Level 3 Center—Aerial View



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