Corporate
Overview

AFL HYPERSCALE®

Contents

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AFL HYPERSCALE®
Data Center Cabling and Connectivity Experts

Fast Support

Product Availability

Excellent Value

Product Innovation

AFL Hyperscale is the first cabling and connectivity solution provider focused on the ever-evolving needs of data centers.

Hyperscale, colocation, and enterprise data centers are united in their pursuit to connect the unconnected, yet their infrastructure, performance, and operational challenges are totally unique.

We work collaboratively with our customers to create connectivity solutions tailored to their current needs and to the requirements of future networks. We then use our responsive, global operational capabilities and distribution network for fast delivery.

This approach has transformed how many data centers grow worldwide and is built on 70 years' combined experience in the design and manufacture of high-performance optical fiber networks, a global presence, and the backing and innovation sharing of our parent and grandparent companies, AFL and Fujikura, the pioneer in optical technology. AFL Hyperscale is your dependable partner to build a more connected world.

AFL Hyperscale - The World, Connected.

Sharing our Core Values

BE
ACCOUNTABLE

HAVE
INTEGRITY

STAY
CUSTOMER CENTRIC

BE
CARING

WORK IN
COLLABORATION

BE
INNOVATIVE

Our Vision

An innovative connectivity solutions company selected by Partners worldwide

Our Mission

Optimized connectivity solutions driven by innovation

Our Purpose

To create a consistently profitable and growing business that adds value for our stakeholders. Our stakeholders are shareholders, customers, suppliers, employees and families

Our Values

Our values are shared globally and define our commitment to our customers, our work, and each other

Our Family

AFL Hyperscale is part of the AFL and Fujikura family, sharing a commitment to serve our local communities and create a more connected world.

Fujikura - Our Grandparent Company

- $7billion sales FY18
- Established 1885
- Market leader and pioneer in optical fiber technology
- 60,000 employees
- $650m on R&D over the last 5 years

AFL - Our Parent Company

- Established 1984
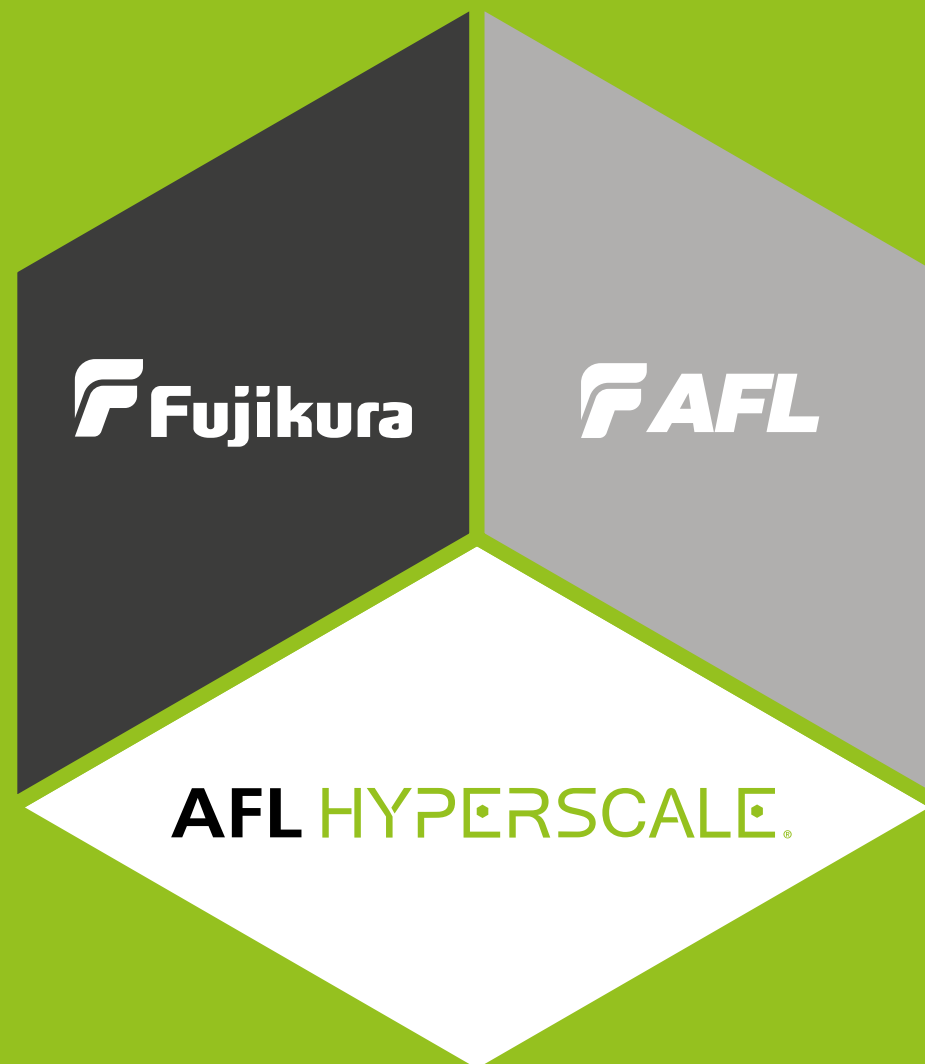- Commercial activity in 120+ countries
- 100s of sites across 10 countries
- Manufacturer of cable, connectivity, and test equipment
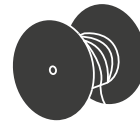- 4,500 employees

History and Milestones

1970

Carlyle Inc. founded to supply wire and cable to the aerospace market

1982

Starts to manufacture network cable, Carlyle Network Infrastructure Group is born

1992

FibreFab established to supply fiber optic components

2015

AFL and NetIG form a joint venture to support global hyperscale customers

2013

AFL acquires FibreFab with a key focus on driving growth within the growing European data center market

2006

Carlyle Network Infrastructure Group becomes NetIG

2018
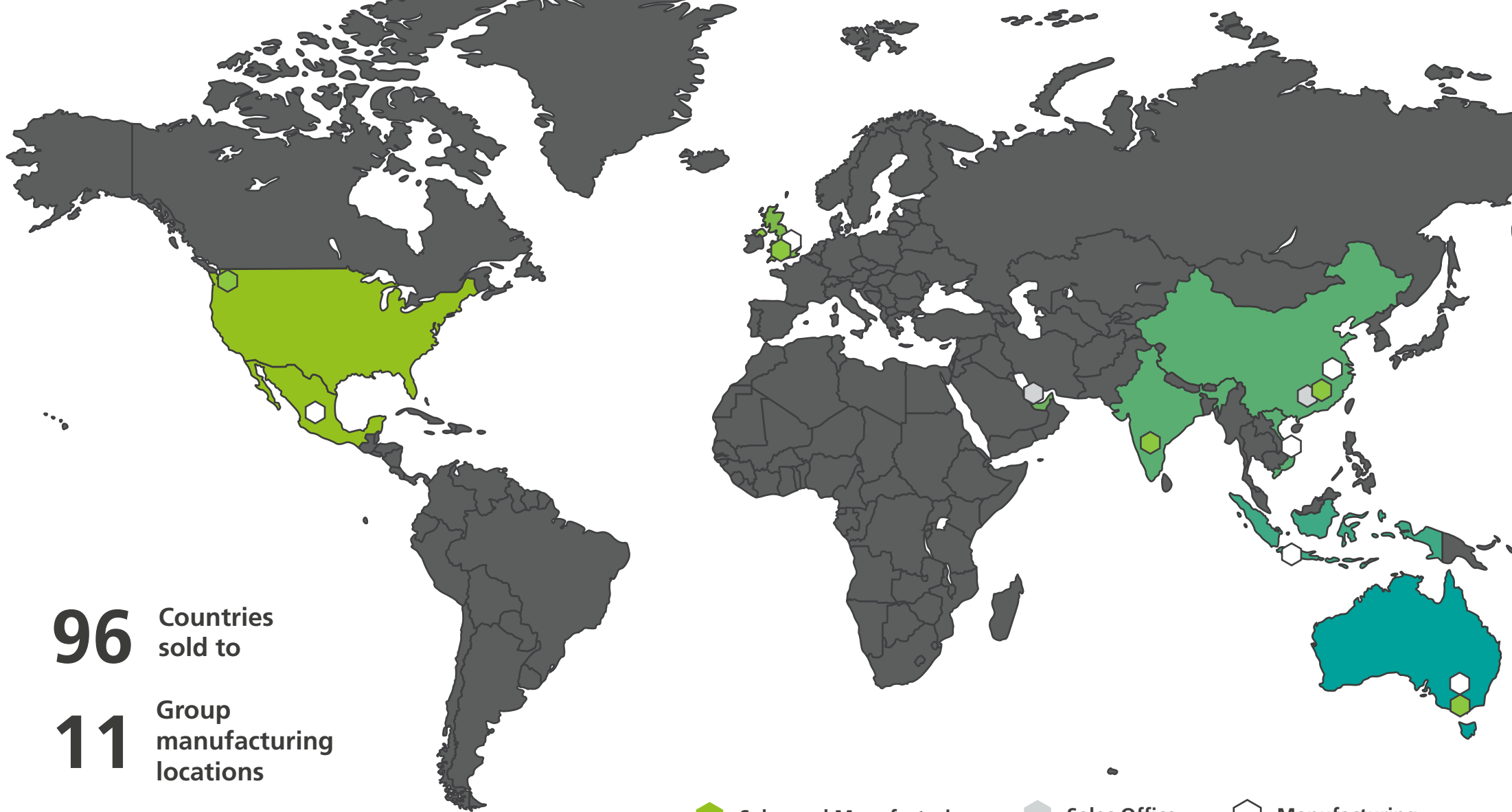
NetIG and FibreFab unify globally as AFL Hyperscale

2018

New locations opened in India, Hong Kong and Australia

2019

AFL Hyperscale becomes wholly owned subsidiary of AFL

96 Countries sold to

11 Group manufacturing locations

7 Sales Offices

1 Globally unifield team

● Sales and Manufacturing   ● Sales Office   ⬡ Manufacturing

Our Locations

The Data Center Connectivity Experts

Our Credentials

We pride ourselves on being a dependable partner for many of the world's largest cloud companies, social media platforms, and colocation providers, enabling them to grow and innovate - faster than any other cabling or connectivity manufacturer.

With a world-class technical team available to assist both in the field and back office, supported by pro-active global account management and highly responsive local support (in more than 25 languages), wherever you are in the world, we are here to help.

Solution and Product Availability

Wherever your data center and whatever the network area, we create cabling and connectivity solutions that are fit for purpose today and in the future.

With full access to AFL and Fujikura's product portfolio along with our own ever-growing range of custom-made and off-the-shelf products, we have the capability to provide an end-to-end network cabling connectivity solution, including the equipment and training to install, test, and inspect your network.

Data Center
Network Innovation

The need for more connectivity is changing data center network design at a rapid pace meaning networks need to be able to upgrade and expand as efficiently as possible, often through multiple technology generations to deliver the most value.

Our customers' connectivity objectives, goals and challenges drive our innovation - so much so, that we have dedicated fiber connectivity R&D across three continents with a constant focus on large data centers.

Family
Collaboration

We work closely and collaboratively with our family of companies to ensure our customers have access access to the latest technology and the right solution for them.

Fujikura are a pioneer in ribbon splicing technology, the largest manufacturer of MT ferrules for MTP®/MPO connectors, and the second largest manufacturer of optical fiber in the world.

AFL focus on innovation that provides optimum value and total cost savings to its customers. This approach has built AFL's reputation as a market leader across cable and fiber network test and inspection equipment.

How we do it

01 Consultation

How can we help?

Openness, collaboration and responsiveness are fundamental to our customer-centric approach. We listen, gain insight, and then deliver a connectivity solution right for your data center.

With a full understanding of your goals and objectives, our expert consultants offer a professional service to help overcome complex challenges, realize large scale network design, and achieve growth and scale customers may not have thought possible.

02 Development

How we do it

Emerging technology is fully integrated into our thinking, strategies, and purpose, and our connectivity solutions are often at the forefront of what the market has to offer.

We develop innovative, fit-for-purpose solutions using our extensive patent portfolio and Fujikura family technology. With access to a comprehensive array of products, solutions and network configurations to use, modify or customize, we deliver technology-led, quality-assured network solutions.

03 Production

Manufactured to your needs

We offer some of the best lead times in the market for high volume, high-performance, custom, pre-terminated assemblies.

With manufacturing locations across four continents, we have a fast, scalable, integrated supply chain that ensures consistency across all manufacturing sites. Customers across the globe can get local, efficient assistance with critical projects, in some cases benefiting from next-day delivery on custom pre-terminated assemblies, as well as a quick turnaround for high-volume orders.

04

Quality and Standards
Peace of mind

We help cloud and colocation providers create high-performance network specifications that can be rolled out globally, adhering to regional industry standards and regulations.

Given the growth in data traffic and the need to provide high-bandwidth, low-latency connections, some cloud platforms work in advance of industry standards. We offer expert advice on engineering and manufacturing best practice to support in these instances.

We support multiple standards committees including BSI, IEC, CENELEC, TIA and EIA.

05

Logistics
What you need, when you need it

With international shipping expertise, we can save you time and money. From warehouse shipment to direct delivery to a secure site, from single box to a full container, we have a fully integrated logistics network to ensure our products get to you when you need them.

Our logistics capabilities don't stop there, we can label packaging, boxes and pallets to ensure they go in to the correct hall, aisle, rack, panel and even port, for the fastest possible site-to-port installation.

06

Customer Service
Here to help

One of our core values is to be customer centric. From pre-sales to post-sales, we offer first class support at every stage of the customer journey.

Our field and solution engineers work with you to scope out your requirement. This can be anything from custom product design all the way up to full physical layer connectivity. We then assemble the right team to deliver and further support your needs.

We ensure you have the right support where and when you need it.

Services for a more efficient Data Center Network

Network Design

Need help making the right decisions for your physical layer? We can assist you with network designs that are tailored not only to today's needs, but to future network requirements.

Our RCDD and CNIDP qualified engineers can assist with all manner of connectivity design requests including anything from product recommendations and creating ultra-high fiber count interconnectivity for data center clusters, all the way up to designing an automated physical layer for a true 'lights-out' data center.

Custom Design

Our globally deployed, in-house engineering team utilize the latest design and rapid prototyping techniques to bring customer-led products to life. We offer fast, quality-assured, custom product design to help you overcome infrastructure challenges of any size and scale.

Customers can also use our suite of online configurators to build and order their own pre-terminated fiber assemblies.

Our market-leading design engineering team have expertise and experience across fiber cable assemblies, cable, fiber management, enclosures, racks and cabinets.

Hyperspeed Service

With same-day manufacturing capability, our Hyperspeed Service means you can order custom pre-terminated fiber and copper assemblies and have them delivered to site when you need them.

Our factories across the globe boast a quick turnaround, meaning we can build to your exact specification and deliver it promptly, from high-performance MPO trunks and fanouts to pre-terminated fiber assemblies. Never worry about tight deadlines or long lead times for your connectivity again.

Next-day delivery may not be available across all countries, contact us for further details.

Installer Training

AFL Hyperscale Installation Training gives installers or site engineers the chance to get hands-on experience with our latest products and technology for a high-performing, well-maintained data center network. Learn best practices to test, inspect and maintain networks using the latest AFL test, inspection and cleaning equipment, and Fujikura splicing technology.

This training course enables installers to provide a 25 year applications assurance that the AFL Hyperscale Network will operate, support, and remain compliant with the cabling standards it was designed for.

Rapid Cabling Infrastucture (RCI®)

Ensure the fastest and most efficient network installation and reduce packaging waste with our (RCI) service.

Rack-to-rack, cabinet-to-cabinet, building-to-building and port-to-port - any two connection points in your data center network, and in virtually any network architecture, can take advantage of RCI. If you are using copper or optical fiber cable to connect any devices, we can design, build, and package a solution that routinely saves 50% on installation time.

Global Alignment

We provide global coverage ensuring network consistency and support for new technology roll-outs. We do this by establishing customer objectives and strategies, and then measurable action plans to achieve them.

With globally standardized part numbers, ordering across regions is easier than ever, helping you ensure complete product uniformity, worldwide.

On a local level, we work to continually build relationships, addressing local needs including standards and regulations, transacting in local currencies if required, providing hands-on product training, and offering fast local delivery.

Product Overview

All you need for an end-to-end data center connectivity solution

1 Assemblies

Fiber Assemblies
Fiber Bundling
Modular Assemblies
MPO Assemblies
Patchcords
Pigtails

Pre-Terminated Assemblies
QSFP Assemblies

Copper Assemblies
Copper Patchcords
Copper Pre-Terms

2 Protection and Management

Cabinets
Cable Management
Containment
Fiber Chassis
Fiber Panels
ODFs
Outdoor Cabinets

Racks and Frames
Splice Enclosures
Wallboxes

Copper Panels
Copper Modules

3 Cable

CPR Cable
Inside Plant Cable (ISP)
OSP / ISP Cable
Outside Plant Cable (OSP)

Ultra-High Fiber Count Cable

Copper Cable

4 Test, Inspection, and Termination

Cloud Based Test Management
Fiber Testing
Fusion Splicing
OTDRs
Visual Fault Locators (VFLs)
Visual Inspection (Single Fiber and MPO)

5 Tools and Accessories

Fiber Cleaning
Fiber Hand Tools
Fiber Splice Trays
Field Installable Connectors
Splice Protectors

Copper Hand Tools
Copper Faceplates

6 Actives

Active Optical Cables (AOCs)
AOC Bundling
Direct Attach Cables
Media Convertors
Power Distribution Units (PDUs)

1. Assemblies
2. Protection and Management
3. Cable
4. Test, Inspection and Termination
5. Tools and Accessories
6. Actives