

niflink

We simplify the flow of data,
enhancing
The Human Experience



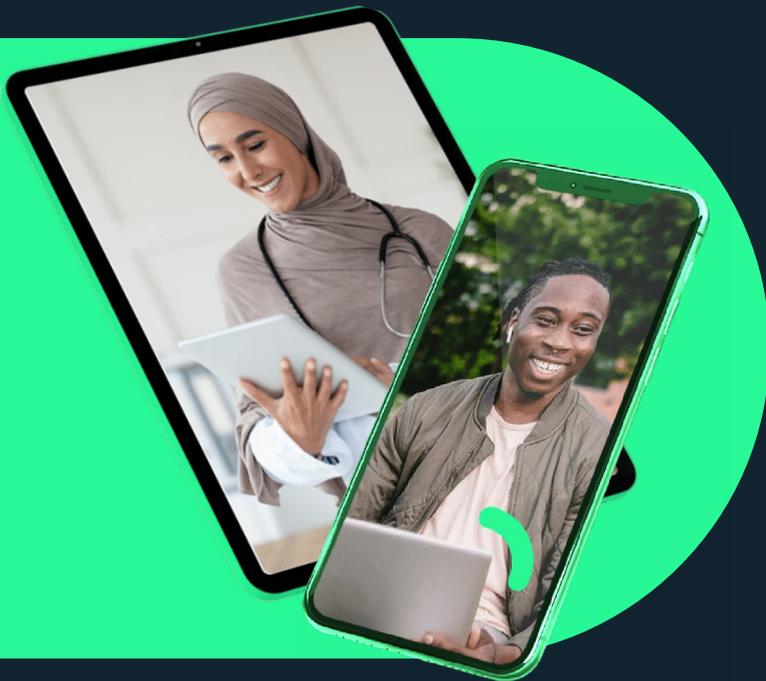
Niflink uses lossless data compression to shrink your video, image, audio and text files for faster, buffer-free streaming that doesn't compromise on quality.

Reduce Media Size.

Maintain Media Quality.

Niflink uses small files, called NIFs, to solve big data problems. Our NIF data compression framework efficiently delivers data because files can be transmitted seamlessly over low bandwidth connections.

This lossless data compression shrinks large files up to 80% of their original size. As a result, you save on data storage and connection costs, and get uninterrupted livestreaming for high-definition video broadcasts.



Niflink systems focus on optimising the flow of data between software and hardware devices – linking communities to critical data across the globe.



Compression for video

Get data compression for video, image, audio and text files. NIF compression saves you up to 90% of your data storage space. Using lossless file compression, a 26MB high resolution image is compressed to as small as 1.09MB, returning to up to 26MB on decompression.



Video conferencing

Host remarkable live or in-person broadcasts everyone can watch. Host uninterrupted livestreams that never lag or keep people waiting. With lossless compression you can stream up to 1.2mbps HD video at a game-changing 348kbps, or a tiny 32kbps in SD quality.



Data storage solutions

Niflink shrinks your files to less than 10% of what they originally were. With our communications software and hardware integrations, you will save on media space and bandwidth, and spend less on storage costs. Store and transfer media that is up to 90% smaller, with no quality loss.



Turn your data stream into a digital ocean



Niflink is building the future of human-to-machine and machine-to-machine communication. We work with key industry leaders around the world to help them integrate our data communications systems into their companies.

niflink
Tech

Technology that Links People Together

We transform your existing data infrastructure by optimising digital communications so that they reach everyone, everywhere regardless of bandwidth.

niflink
Tac

Security for Real-Time Protection

We build systems that reveal unseen dangers using advanced vision and processing technologies for companies in the security sectors.

niflink
Teach

Education for a digital world

We connect academic institutions with their digital future, helping them develop efficient and creative pathways that improve learning outcomes.

niflink
Teamed

Medical Systems that Advance Health

We create innovative healthcare systems for organisations that work to improve and advance patient care in technologically underdeveloped areas.



End-to-end **e-learning solutions**

Powered by our proprietary NIF compression framework

Through our technology you will have the ability to connect and engage at scale for a fraction of the cost without ever compromising on quality. **We connect the previously unconnected** where data connectivity is a barrier to entry or maximise the output of your current infrastructure. Our NIF compression framework is the technological backbone that allows us to build a customised solution to meet the unique needs of your institution or organisation.



Our end-to-end solutions include supply of the necessary **hardware and peripherals** to seamlessly run and manage your e-learning platform. Our innovation team has built custom solutions for fixed infrastructure and mobile units to bring education to learners in underserved communities and locations.



We offer a host of **software solutions** depending on your exact needs. We can integrate our technology within your existing platforms or deliver custom implementation of bespoke or open-source software for streaming (RTMP), learner management systems (LMS), content delivery, storage and archiving.

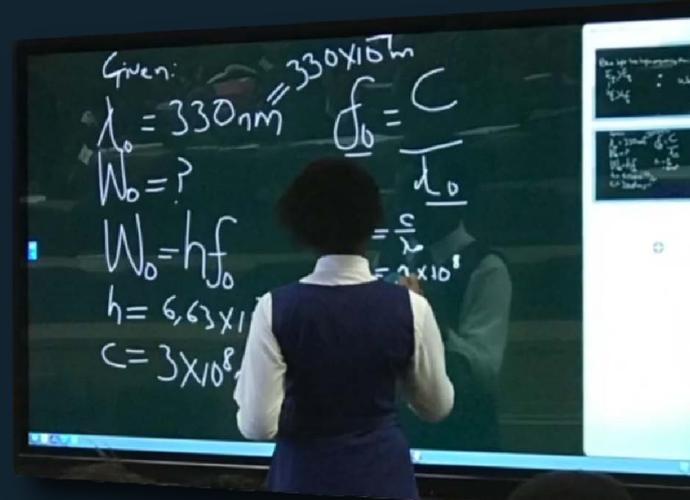


We plan, **manage and implement** the entire process which includes setup and installation, training, maintenance and tech support where needed.

We have successfully implemented e-learning solutions at national and local government level, for schools through public-private partnerships with Vodacom and MTN, as well as for businesses and institutions.

Unlocking potential at scale

Since 2006 our Niflink Teach solutions have been implemented in **hundreds of broadcast centres, reaching thousands of remote schools** where we delivered **tens of thousands of lessons** to unlock the human potential in **hundreds of thousands of students**.



Partner **with us**

Whatever ICT solution you need, Niflink has the expertise to help. Partnering with us means that you will take positive steps to secure your digital future with our radical NIF data compression technology. We will help you navigate the maze of information and communications technology, so that your digital communication system delivers results.

Book a call with us and let's chat about what Niflink can do for you.

Our technology partners



Let's connect and make
your data meaningful

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