

EKINOPS

Market Leadership through Innovation

DYNAMIC NEXT GENERATION OPTICAL TRANSPORT FOR METRO, REGIONAL, AND LONG HAUL



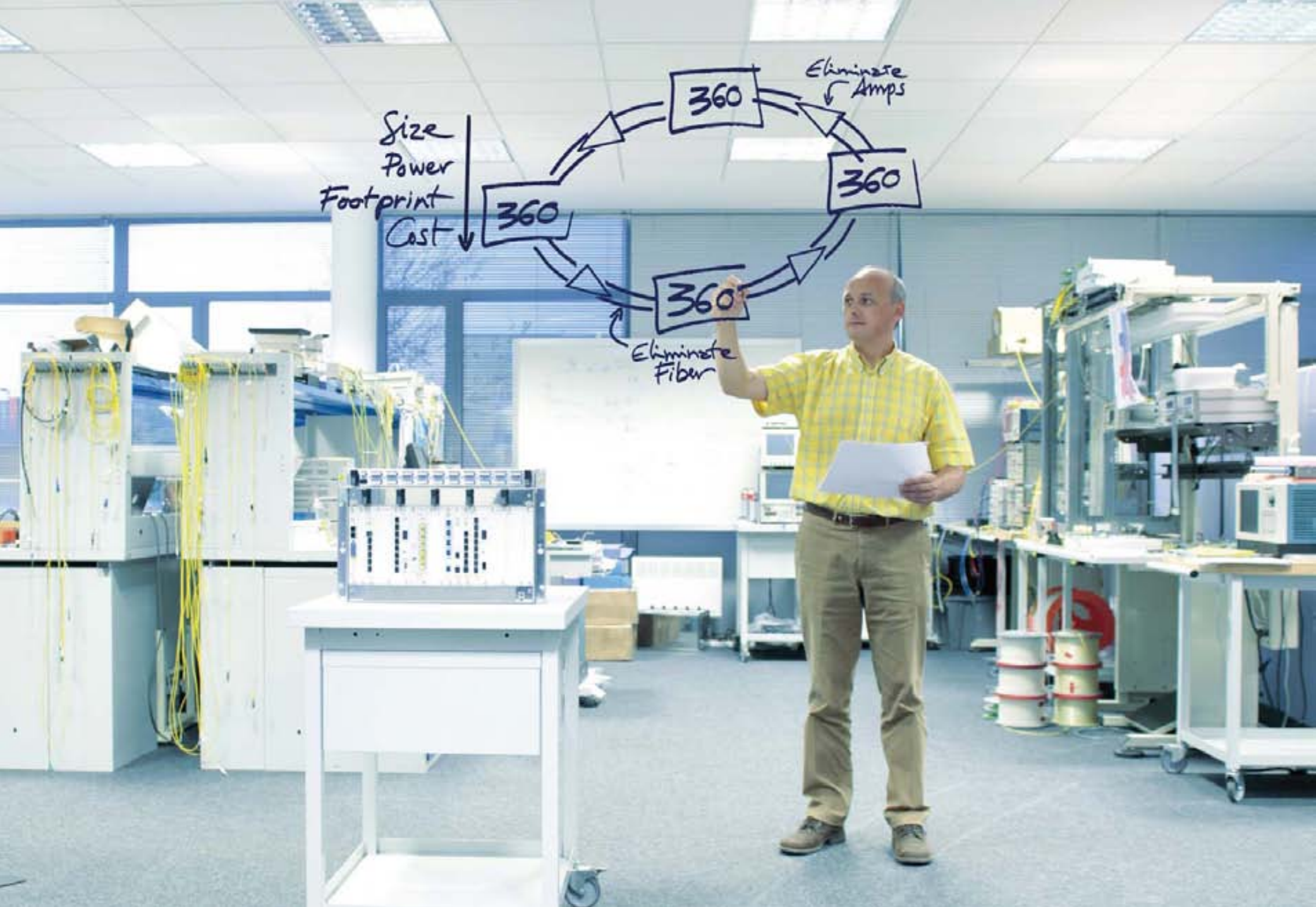
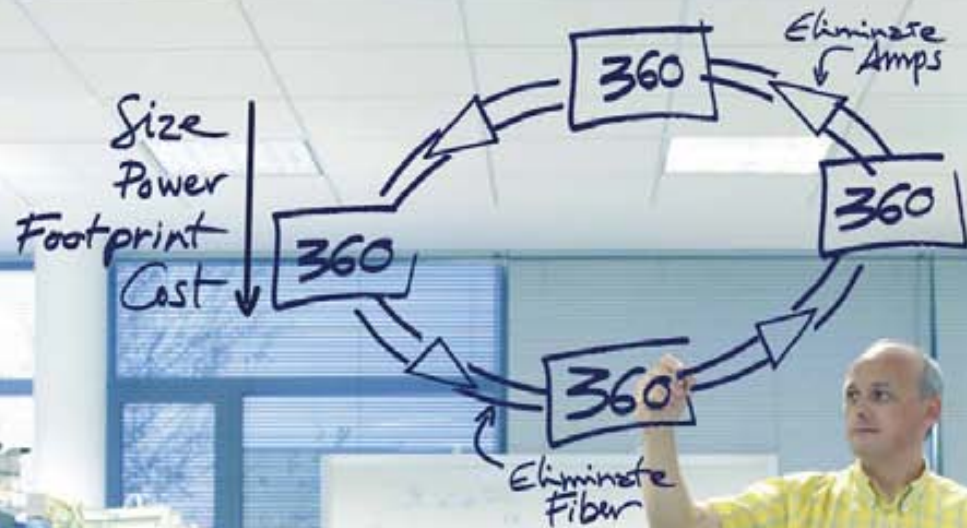
Fast
Flexible
Cost
Effective



EKINOPS: Cost Effective Optical Transport for Metro, Regional and Long Haul

:: At Ekinops, our focus is delivering leadership through innovation.

At the heart of our platform, The Ekinops 360, lies the **T-Chip**[®] (Transport on a Chip) technology. By delivering transport capabilities on a single programmable chip, we can provide our customers with optical transport, faster, more flexibility, and more cost effectively than other suppliers.



EKINOPS: A True “Pay as you grow” Solution

:: Minimize your up front cost and scale your investment
as you benefit from your network.

Ekinops delivers a true *“Pay as you grow”* solution by minimizing your up front costs and then allowing the incremental growth of all aspects of the system.

With Ekinops innovation, we are able to help you minimize your infrastructure investment as well as your equipment investment.

Ekinops leads the market in technologies that reduce the number of fibers necessary for transmission and that eliminate the need for intermediate regeneration or amplification points, reducing the overall cost of space, power and fiber.



EKINOPS: “Scalability is more than just adding Transponders”

:: Scalable ROADM Technology

:: Scalable Amplifier Technology

:: Scalable 40G Technology

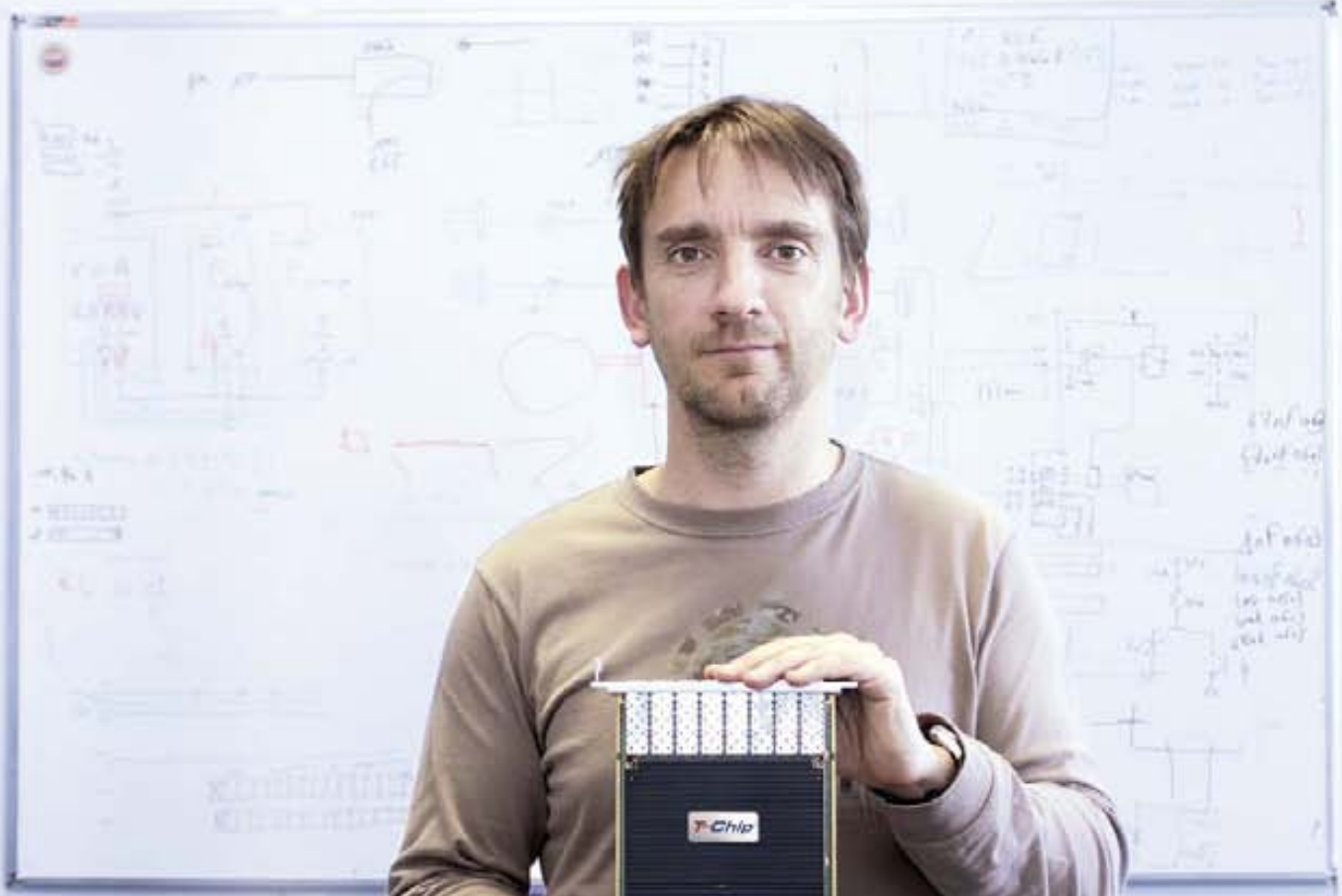
:: Reuse your 10G investment when moving to 40G and 100G

For many optical transport equipment providers, scalability of their system is simply adding additional transponders for each new service.

At Ekinops, we have developed market leading capabilities that allow for the scaling of more than just our service cards. For instance, Ekinops provides a scalable ROADM solution that starts with low cost ROADM components and scales

incrementally as your network complexity grows. Ekinops also offers one of the only scalable amplifier technologies that allows for the deployment of low cost amplification with in-service upgradeability as service demand increases.

At Ekinops, we are focused on allowing for the scalability of every aspect of our system.



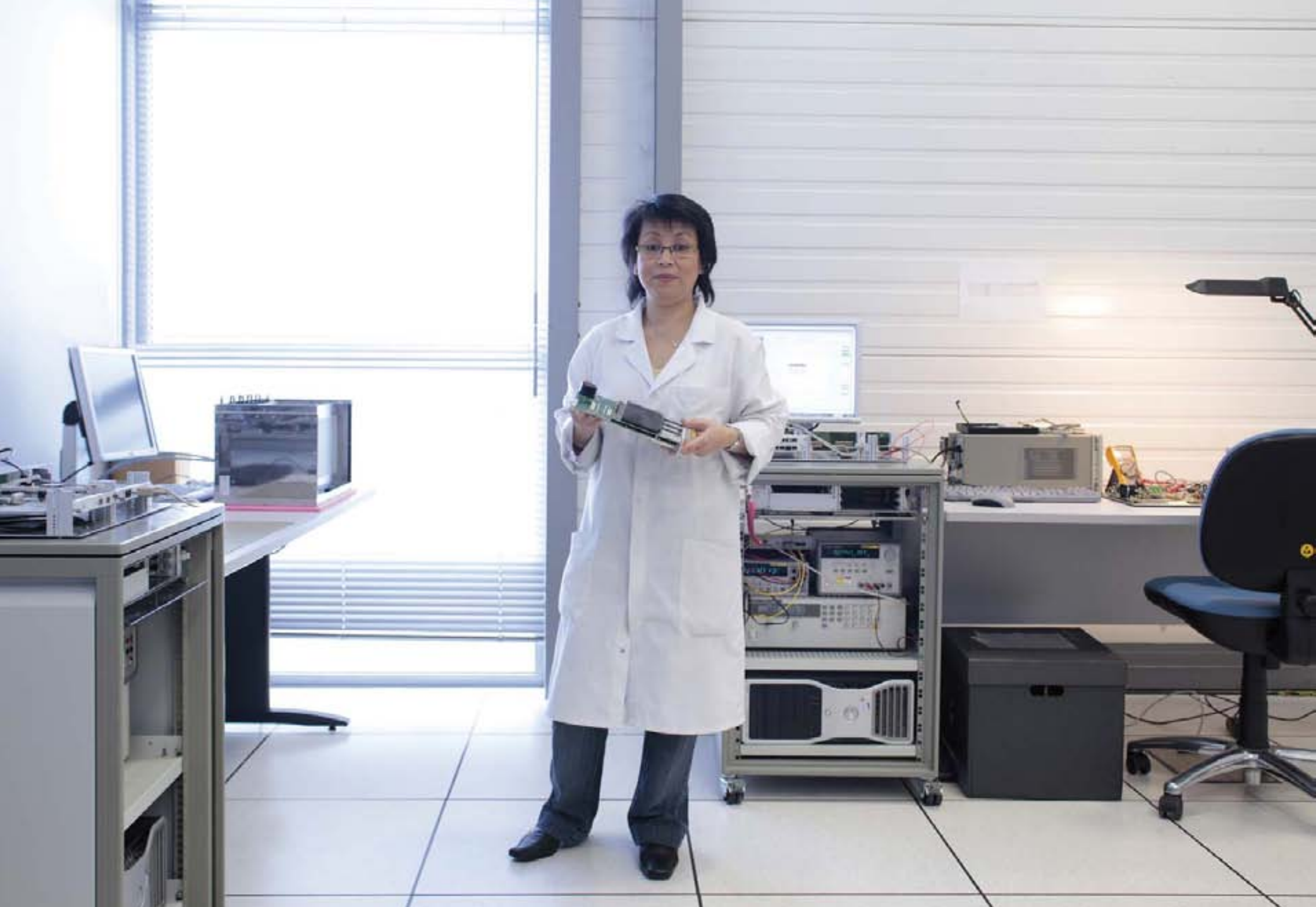
EKINOPS' Programmable Single Chip Transport Technology

- :: Allows us to deliver new capabilities quicker and ahead of the market
 - :: Provides for short manufacturing lead times
 - :: Enables a small footprint and low power utilization
 - :: Protects your investment in our platform

Ekinops' **T-Chip**[®] (Transport on a Chip Technology) allows for greater innovation beyond what is achieved with the multi-chip technologies used by most other optical transport equipment providers.

The **T-Chip**[®] combines capabilities spread across multiple chip sets in most transport systems onto a single programmable chip.

This allows Ekinops efficiencies in manufacturing, development of new features, space, power consumption and cost that can not be achieved by others.



EKINOPS: Delivering market leading, differentiating & economical capability through leading edge technology

40G/100G
WaveBonding[®]
Economical 40G and 100G
in the near term

T-Chip[®] TRANSPORT ON A CHIP
TECHNOLOGY
Lowering the overall cost
of Equipment

DynaFEC[®]
Cost Effectively Achieving
Long Distances with Software

DynaMux[®]
Efficient Utilization
of Wavelengths & Fiber

Because Ekinops is not dependent on “off the shelf” technologies produced by others for new capability, Ekinops can deliver functionality to customers ahead of the market.

Amongst such capabilities is Ekinops’ state of the art Forward Error Correction (**DynaFEC**[®]) that allows the 360 system to go further through the use of software rather than expensive hardware.

Other capabilities include Ekinops’ leading edge service multiplexing technology that allows Ekinops to multiplex virtually any mix of service types and rates over a single wavelength allowing for efficient use of infrastructure and Ekinops’ **WaveBonding**[®] technology that allows Ekinops’ customers to protect and reuse their investment in 10G when migrating to 40G.



EKINOPS: Delivering Green Telecommunications Systems

:: At Ekinops, it is also our goal to provide the industries most environmentally friendly equipment.

The elimination of electronic devices using the **T-Chip**[®] has the added benefit of lowering the power requirements of our systems. The Ekinops 360 system is amongst the lowest power consuming optical transport systems in the industry.

And, we do not stop there. Ekinops also helps to lower the overall power consumption of the network by providing technologies that eliminate the need for regeneration and amplification at intermediate sites where other systems would require them.

In addition to reducing initial capital expense, removing the need for these sites eliminates the ongoing power consumption associated with environmental controls typically necessary to maintain these sites.



EKINOPS: Helping you stay ahead of your Competition

:: With Ekinops, optical transport is no longer a commodity.

Ekinops' 360 system with its many technical and economic advantages helps service providers stay ahead of and differentiate themselves from their competition. The **T-Chip**[®] allows Ekinops to provide differentiating capabilities quickly for both new functionality and manufacturing delivery.

The flexibility of the **T-Chip**[®] programmable technology allows the Ekinops 360 system to evolve quickly over time as market dynamics change.

This flexibility comes with significant economic gain that scales as our customers benefit from their investment.



- ◀ GUY-MICHEL RIO, DESIGN
- ◀ SYLVAIN ABIVEN, GLOBAL SUPPORT
- ◀ OLIVIER THOREY, CUSTOMER SUPPORT

EKINOPS: Global Support & Professional Services anywhere in the World

:: Maintenance & Professional Services

Ekinops' Customer Support team includes top experts in the field of optical transmission networks. The team provides end-to-end support for all system and life cycle related activities such as Network Design, Installation, Training, Maintenance and Sparring.

Ekinops provides this service and support capability worldwide, 24/7.

Our goal is complete customer satisfaction.

A warm, golden-toned photograph of two people shaking hands over a desk with papers and a pen. The background is a soft, out-of-focus office setting. The text is overlaid in white, sans-serif font.

At Ekinops,
we understand that
our success
is directly tied to
your success.

Let us be **your partner.**

EKINOPS:
Let us help you maintain
market leadership

:: Your Partner in Fast, Flexible, Cost Effective
and **Green Solutions** for Service Delivery.

EKINOPS: about us



Ekinops is a leading designer and supplier of next generation optical transport equipment for service providers and enterprise customers.

The Ekinops 360 Dynamic, Multi-Reach Transport System provides DWDM and CWDM on a single platform that addresses Metro, Regional and Long Haul applications.

The Ekinops 360 system relies on the innovative, programmable Ekinops **T-Chip**[®] (*TRANSPORT ON A CHIP TECHNOLOGY*) that enables Fast, Flexible, and Cost Effective service delivery for building high speed optical networks.

Using the Ekinops 360 carrier-grade system, operators can increase transport capacity of their networks — CWDM, DWDM, Ethernet, ESCON, Fiber Channel, SONET/SDH uncompressed video (HD-SDI, SD-SDI, ASI) — through the industry's most efficient aggregation of services.



The company is headquartered in Lannion, France, with offices in Europe, the USA and Asia.



EKINOPS 360



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:: Style & Layout by **aera**design



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