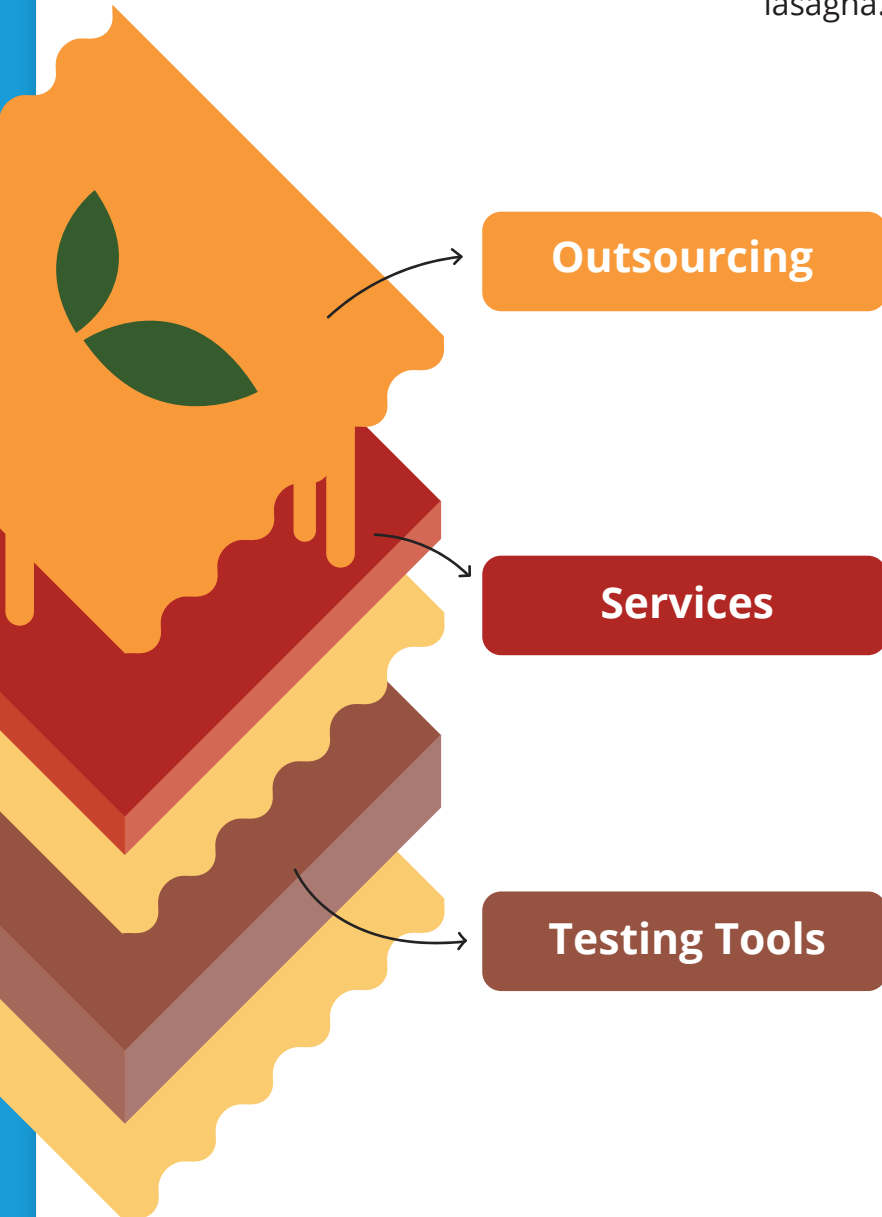




EXCENTIS

EXCENTIS lasagna

With 25 years in the industry, we've divided our expertise and insights into a rich, layered lasagna.





The meat

Testing Tools



The traffic generator and analyzer for All Access Networks

Pinpoint Latency Issues

ByteBlower makes it fast and easy to assess your network's real-world performance, functionality and stability. Eliminate maintenance nightmares and result in super happy customers.



**Saves
time and
money**

User friendly

Real time insights

Faster time to resolution



**Highly
versatile**

Wired & wireless simultaneously

Multiple simultaneous users

NAT traversal



**Top-tier
support**

We have a heart

Continuous updates

95% Support renewal ★

In-depth understanding + the daily use of
ByteBlower by our test engineers in-house
= **Exceptional support**

Test

LAB
PRODUCTION

ANY

CI/CD

IN-FIELD

scenario over

CABLE

WIFI

ANY

PON

5G

network

ByteBlower *Endpoint*
Add-on Traffic Generator

Wi-Fi

5G

The ByteBlower Endpoint add-on enables real-life testing on different devices with emulated traffic (conference calls, video streaming, and gaming) all remotely controlled and automation-ready.

Why Jasagna?

ByteBlower

XRA

Testing &
Consultancy

Training

Outsourcing



Reduces **50% off** a team member **workload**

Save valuable engineer time

Cut the number of service tickets

Keep customers happy and loyal



	EMEA	APAC	NAMER
Average wage cost Network engineer*	€90.000	€80.000	€100.000
Savings with ByteBlower	€45.000	€40.000	€50.000

Read our latest **white paper**

The
impact of
L4S

The
impact of
**EDCA
WMM**

The
impact of
**L4S vs.
Wi-Fi 7**



Scan here

We successfully reduced initial latency
by 90% on a single client.



Real time DOCSIS® analyzer

Solve every DOCSIS® puzzle

XRA streamlines DOCSIS troubleshooting by capturing and analyzing downstream and upstream packets in real-time with a non-intrusive approach. It provides instant feedback on signal quality, speeding up resolution and time to market.



Saves time and money

User friendly

Flexible & upgradeable

Fast automation



Highly versatile

Real-time demodulation

Automatic self-overwrite functionality

Everything is in Wireshark, now enhanced with extra parameters



Top-tier support

We have a heart

Continuous updates

95% Support renewal ★

In-depth understanding + the daily use of ByteBlower by our test engineers in-house
= **Exceptional support**

Analyse

LAB
PRODUCTION
CI/CD
IN-FIELD

ANY

DOCSIS® issue to solve

MODERN FLAPPING
BAD THROUGHPUT
HIGH LATENCY
PROVISIONING

ANY

problem



XRA as a service

We offer XRA as a service for swift resolution of urgent DOCSIS® problems. Leverage our expertise and resources for efficient problemsolving when time is crucial.

Why Xasagna?

ByteBlower

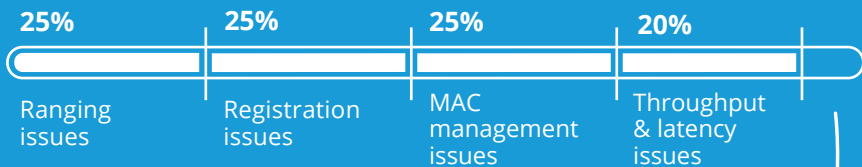
XRA

Testing & Consultancy

Training

Outsourcing

Typical DOCSIS problems analyzed by XRA:



Analyzes 95% of the issues in the field

Cut the number of service tickets

Keep customers happy and loyal



1000 calls
x **€10** day

€10.000 day

Loss for delayed
resolution
by 30 days
€300.000



1000 customers
leaving
x **€40** month

€40.000 month

Monthly loss
€40.000

**Save €340.000
monthly.**



The sauce

Services

Testing & consultancy

End-to-end diagnosis

Choose comprehensive solutions over quick fixes for your network challenges. With 24+ years of experience, our engineers are ready to analyze your network, identify root causes, and provide tailored, effective solutions.



Theoretical

Reference projects

RFPs →

Benefit from clear requirements that we create so you can negotiate the **right deal with your chosen vendor**.

PYUR

Design →

Optimize feature testing and end-to-end validation for **fewer post-deployment issues and cost-efficient test cycles**.

DELTA

Practical

Reference projects

Testing →

Develop and execute test plans at Excentis, leveraging **deep industry insight and top-tier expertise**.

COMCAST

Troubleshoot →

Cut ISP-vendor discussions. We speak both languages and serve as the perfect translator.

V

Automation →

Reduce time for deployment, save time for you engineers.

LIBERTY GLOBAL

Why lasagna?

ByteBlower

XRA

Testing & Consultancy

Training

Outsourcing

Wi-Fi house

Validate real user experience in a controlled environment

With real building materials, take advantage of a multi-family house to automate testing and achieve maximum reproducibility.



Standalone or mesh

Standalone or mesh access points to test roaming and stability



Avoid complaints

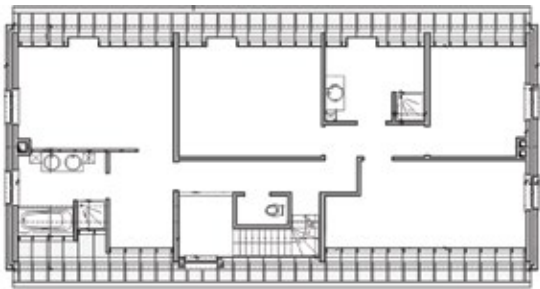
Prove your Wi-Fi is the best and avoid customer complaints



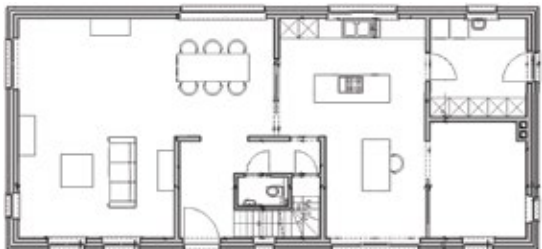
Outshine competition

Prove you have the best Wi-Fi, stand out amongst your competitors

First floor



Ground floor



Training

Level up your game

Increase your skills with our cutting-edge training courses! Master (new) technologies and solve problems faster than ever. All the power you need to excel is within reach.

Download our training portfolio



Flexible

Virtual or in-person

On-demand or public



Training that *sticks*

PDF Syllabus and certificate

Support afterwards



Best trainers

20 years in training for All Access Networks (PON, HFC, Wi-Fi)

Kind words from our participants

"Training itself and the trainer was fantastic. The trainer explained the presentation very well and if we had a question he answered very clear. Great Workshop"

Hans-Jürgen Zinner,
Magenta Telekom - HFC Access Architecture &
Design Engineer

"Come as novice, leave as expert"

Arjan Van der Vegt,
Liberty Global, Sr. Manager Connectivity CPE

"This was one of the best training courses I've had so far. I was especially impressed by the level of knowledge of the trainer, no question was left unanswered. Looking forward to my next session from Excentis!"

Sushant Shiromani,
Liberty Global - CPE Engineering Manager

What makes us different?



Infrastructure

Our lab features cutting-edge testing tools and utilizes the latest end-to-end equipment available in the market.



Deep testing

With our expertise and infrastructure, we delve deeper into testing to uncover hidden issues.



Independent

Impartial consultancy that tackles your actual challenges.



Fast

Our expertise and tools enables us to identify issues 6x faster.



We've got the Brains

With 25 years of experience in the field, our engineers are consistently tackling network issues for multiple companies around the globe.



Broad view

Comprehensive understanding of processes from technical to management levels, allowing us to anticipate where issues may arise.



The cheese

Outsourcing

Outsourcing what can we do?

Case 1

Roll out legacy technology

Ensure full regional coverage.

Cost-effectively **manage** these **mixed networks**.

Case 2

Transition to new technology

Maintain your legacy network.

Focus on new tech rollout and **reduce risks tied to the legacy network**.

Case 3

Outsource testing

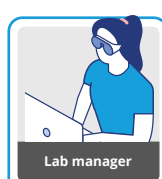
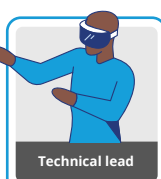
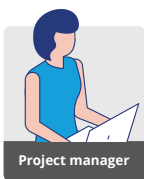
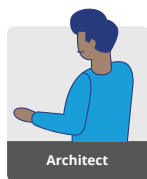
Benefit from a flexible team.

Reduce costs and risks outsourcing to **cost-effective locations**.

Let's define a scope

Strategic blueprint → Engineering, design and setup → Operations

Choose your team



Enjoy the benefits



Saves time and money

Outsource to more cost-effective locations when appropriate.

Save time and money on hiring, training and execution.



Flexible

Reduce overhead and easily scale resources up or down as needed.

Avoid investing time in technology with a limited lifespan.



Reduce knowledge gaps

Free up internal resources to focus on high-impact core tasks. Benefit from Excentis' 25 years of industry experience and broad view.

Reduce Time to market

What can you do?



Go full in-house

Recruitment + Knowledge acquisition + Training



**More time
to market**



**Consulting &
training services**

Design,
implement, + training + steep learning curve
blueprint



**More time
to market**



**Let EXCENTIS
do it for you**

We are ready to deliver



**Less time
to market**

Reduce time to market by 60%

We're humbled to be trusted by the best.

Advancing the network of today, paving the network of tomorrow.



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EMEA

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Charlie Viaene
AMER/APAC

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Saubhagya Singh
GLOBAL

saubhagya.singh@excentis.com

We're known for exceptional products and word-class independent expertise in testing and training services.

Focusing on the needs of our customers is the core of our business for more than two decades.



EXCENTIS
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