

YRH – Consulting Engineering Services

Plan, Design, Manage, Test, Train

SOLUTIONS

YRH provides multiple solutions to help you with your telecommunication projects. From surveys, testing & measuring, design to cost evaluation, project management and training, we will help you complete your projects.

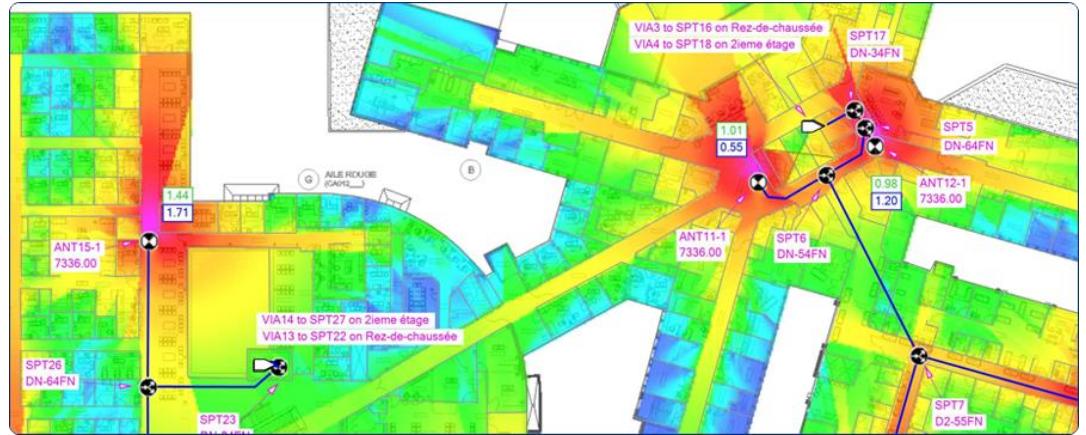
ENGINEERING

Our professional engineering team will design an efficient solutions adjusted to your needs, whether they are a simple project, a complex system or a network.

CONSULTING

Our vast experience and recognition in multiple telecommunication sectors gives our engineering team the knowledge to help you in your telecommunication projects.

Our independence from service providers and manufacturers is your guarantee that we will provide the best solutions for your needs.



Yves R. Hamel & Associates Inc. (YRH) is an engineering firm specializing in radio communication and telecommunication projects.

YRH's expertise is in telecommunications and broadcasting, primarily in wireless systems (cellular, PCS, 3G, 4G, LTE, radio communication, Wi-Fi, WiMAX, broadcasting systems, mobile and fixed radio systems), microwave, in-building design, CODE 6 compliance, telecommunication infrastructures, power and telecommunication equipment design, computer network, IP phones, FTTH and fiber optics.

Since 1967, we have worked, planned and designed for, and with, telecommunications and cable operators, as well as critical infrastructure organizations such as electrical utilities and transit authorities.

Whether for increased workload, niche services or non-traditional projects, YRH offers technical assistance and complementary expertise, from studies to detailed engineering, in a highly competitive and innovative market.

Combining experience and innovation, our engineers and specialists are dedicated to the success of telecommunication projects, **YOUR** projects.

OUR SERVICES

- + Consulting
- + Field engineering
- + Surveying
- + Technical Audits
- + Site & route selection
- + Design
- + Deployment solutions
- + Cost estimation
- + Project management
- + Post construction validation
- + Site supervision
- + Technical assistance

SPECIALITY SERVICES

- + Frequency sweep
- + Safety Code 6 Compliance
- + Equipment testing
- + Field Measurement
- + RF Simulation
- + PIM & conformity test
- + Interference studies

YRH – Consulting Engineering Services

Areas of expertise



ABOUT YRH

At the heart of our organization is a dynamic and experienced team of consulting engineers specialized in broadcasting and telecommunications, with a solid reputation for problem-solving.

In our 48 years of experience, YRH has completed projects in more than 50 countries across 5 continents, in a variety of climatic conditions and work environments. Our vast and varied experience is at your disposal in this increasingly competitive domain.

Our strength lies in our dedication to the excellence of our work and our attention to the needs of our clients. At YRH, we not only work hard for you but also with you to ensure your entire satisfaction at every stage.

Yves R. Hamel & Associates Inc., your consultant-experts in telecommunications, broadcasting and mobile networks since 1967.

RADIOCOMMUNICATION

- Frequency planning & RF use
- Cell planning
- Path and site survey
- RF map coverage & simulation
- Interference studies
- Network topology
- Antenna & equipment selection
- Antenna alignment
- Frequency sweep

BROADCASTING

- Site studies & selection
- Frequency analysis
- Coverage map
- Technical briefs
- CRTC and IC hearings
- Code 6 Safety compliance
- Station compliance
- Field measurements
- Site acceptance

TELECOMMUNICATION INFRASTRUCTURES

- Cabling systems
- Communications room design
- Route selection & ROW
- Outside plant & FTTH design
- Power & Telecom equipment
- Phone & voice IP systems
- Network IP systems
- Intelligent Transport Systems
- Smart Grid Systems

IN-BUILDING DESIGN

- Consulting
- Surveying
- Design
- Cost estimation
- Project management
- Post construction validation
- Frequency sweep
- PIM testing
- Code 6 analysis

CODE 6 COMPLIANCE

- Consulting
- NIR measurement surveys
- Customized Code 6 Training
- Predesign Assessments
- Redesign/ Mitigation Solutions
- Project management
- Post construction validation
- NIR Contribution / Operator
- Roof-top Antenna

TRAINING

- Microwave principles/systems
- RF design "Pathloss"
- Health & RF security
- Code 6 IC ruling
- On-demand & customized telecommunications training

Engineering, Expertise, Experience

We believe that YRH can be a key player in your telecommunication projects.

26-02-2016 | YRH_Corporate



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