

YRH - Telecommunication Infrastructures

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 radiocommunication 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

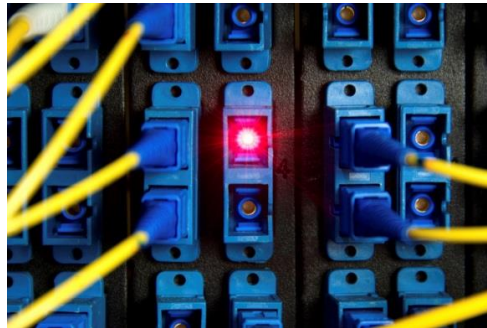
- + Consulting
- + Field engineering
- + Surveying
- + Technical Audits
- + Site & route selection
- + Design
- + Deployment solutions
- + Cost estimation
- + Project management
- + Post construction validation
- + Site supervision
- + Technical assistance

SPECIALITY SERVICES

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

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Planning, Design, Engineering



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.

COMMUNICATION SYSTEMS AND IP SOLUTIONS

- Studies and masterplans
- IP network design
- System configuration
- Network architecture
- IP addresses and routing
- Telephone analysis and audits
- VoIP analysis and systems
- Traditional and VoIP telephony

IN-BUILDING AND CABLING SYSTEM

- Structured cabling
- "In-building" design
- Communications rooms
- Electrical systems
- Grounding
- Small cells and Femtocell

TELECOMMUNICATION INFRASTRUCTURES

- Data centres
- Equipment shelters
- Equipment design
- Electrical equipment
- Solar panels
- Battery systems
- HVAC
- Detailed engineering

SMART TRANSPORT SYSTEMS AND SECURITY

- Surveillance systems
- Signage
- Smart Transport Systems (STI)
- Physically security for installations
- Sound systems and cameras
- Control centres
- Risk analysis (TRA)

ELECTRONIC NETWORKS AND AUTOMATION

- Studies and pre-project planning
- Market analysis
- System automatization
- Control systems
- SCADA systems
- Smart Grid
- Arcflash conformity
- Project management
- Technical assistance

OUTSIDE NETWORKS AND FTTH

- Pathway studies
- Surveying
- Right of passage and site use negotiation
- Partnership and condo arrangements
- Fibre optic cable, HFC, black fibre, undersea cable, FTTH
- Small cells and Femtocell

Engineering, Expertise, Experience

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

26-02-2016|yrh_infrastructures_en



Yves R. Hamel et Associés Inc.

102-424 Guy Street, Montreal, QC, Canada H3J 1S6

Tel: 514-934-3024 | Fax: 514-934-2245

Email: telecom@yrh.com