



# inFact Limited + Scion



## Customer and Market Position

- inFact Limited is an internationally successful design, innovation and hi-tech engineering consultancy in New Zealand (<https://www.infact.co.nz/>)
- Scion is a New Zealand Crown Research Institute specializing in science and technology development for forestry, wood product, and other biomaterial sectors

## Application Solutions and Business Case

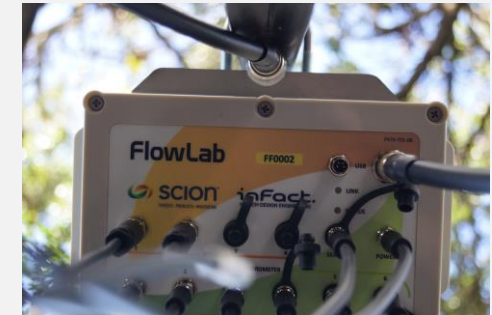
- **Application**
  - Datalogger used to monitor water use in planted forests (915 MHz)
  - Challenge Solved: Efficient and data-rich water monitoring through a highly scalable, robust, and long-range mesh network, including in a difficult, hard-to-reach forest environment
- **Benefits of using the Radiocrafts module**
  - Fast to market, proven quality, VIP support
  - Same footprint modules offering full flexibility to support various geographies and/or standards with a single PCB design
  - RIIM Protocol Embedded into the module = One-stop partner for HW and SW
- **Business**
  - Large scale deployments of dataloggers used to monitor tree growth, tree water use, and soil water in planted forests in New Zealand



## End Equipment

### Forest Flows

- Currently deployed in the following countries:
- New Zealand



[Application page](#)

## Resources and Collaterals

- [RC1892HPCF-IPM Datasheet](#)
- Application Notes: [034](#), [035](#), [039](#), [040](#), [042](#), [046](#), [052](#), [056](#), [057](#)
- Knowledge Base / Q&A: [RIIM Knowledge Base](#)
- White Papers: [008](#), [015](#), [021](#), [022](#)
- Webinars: [RIIM Q&A Talk Show: Everything You Ever Wondered About Our IP Mesh Solution](#)



[visit our product page on TI.com](#)

**Quote: “The Radiocrafts RIIM module has allowed us to create and implement a mesh-based, cloud-connected datalogger for use in ultra-difficult real-world RF environments.” – Logan Stephens, Design Manager of InFact**