



Technology Leader in User
Interface Assemblies

GGI
INTERNATIONAL™

GGI – THE COMPANY

GGI International is a global leader in the design, engineering and manufacture of User Interface Assemblies. With roots dating back to the early 1900's in the product identification business, where our grandfather Verne John Graham introduced one of the first pressure sensitive products into Canada, who was later joined by our father, Bernard John Graham, **GGI** today is owned and operated by brothers Peter and Ian Graham.

GGI International recently moved into its new state-of-the-art facility, where it practices Lean Manufacturing techniques at every level of company operations.

GGI is RoHS and ESD 20.20 compliant as well as ISO 9001:2000, CGP (Controlled Goods Program) and C-TPAT certified.

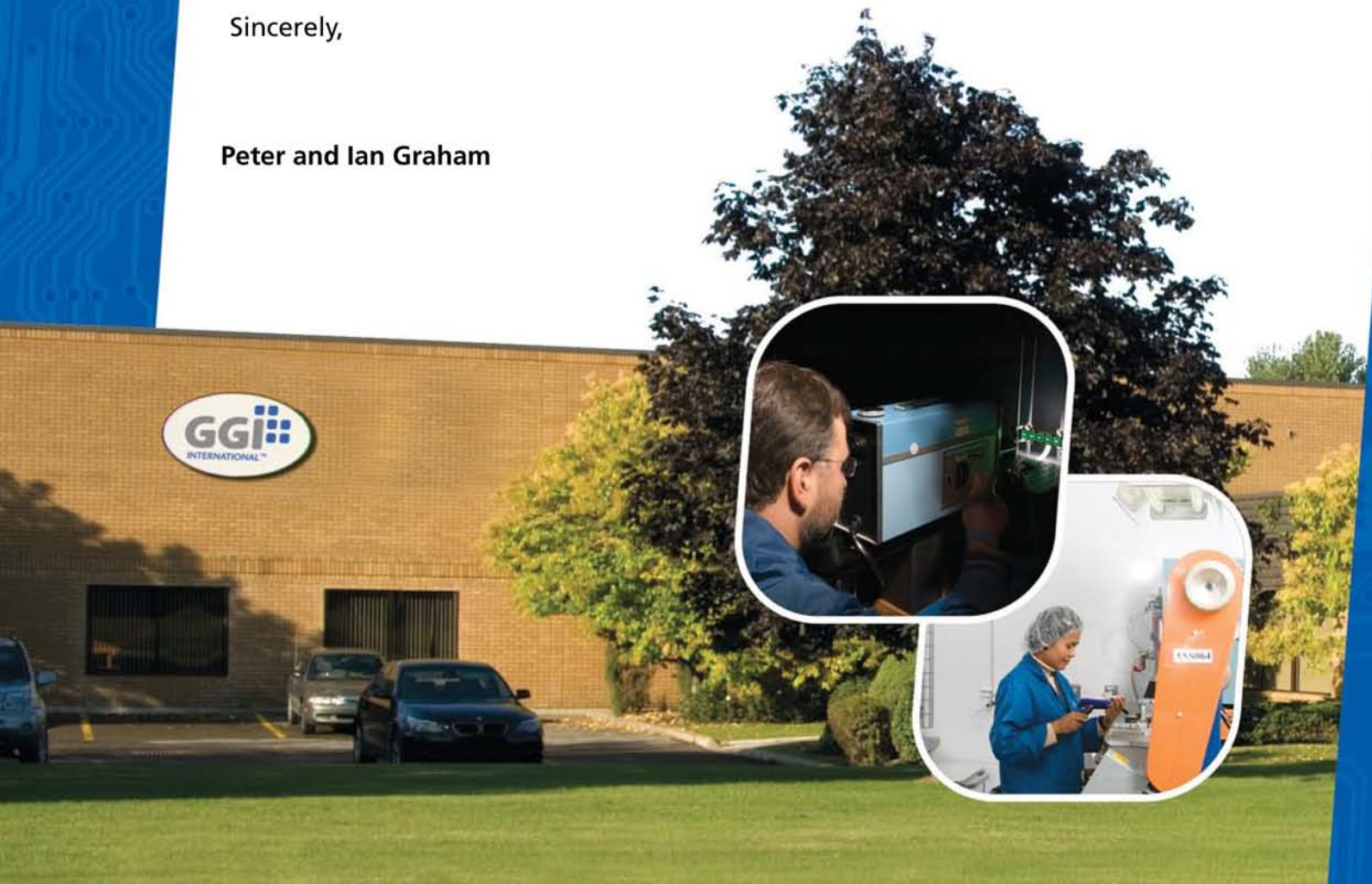
From our world-class facility in Montreal, Canada, (located 5 minutes from the Pierre-Elliott Trudeau International Airport), we proudly design, build and ship products throughout the world. As our reputation continues to grow, so do our markets. With our wide range of User Interface Solutions and highly skilled workforce, we are confident that you will find what you need at **GGI International**.

We look forward to working with you and adding your company to our ever-growing list of satisfied customers.

Sincerely,

Peter and Ian Graham

*We proudly design,
build and ship products
throughout the world.*



MEMBRANE SWITCHES / KEYPADS

GGI International™ is a global leader in the design, engineering, and manufacture of custom user interface assemblies. Some features include: tactile with metal, magnetic or polyester domes. Shielding options including ESD/EMI and RFI protection. We also offer a wide range of backlighting options, including NVIS, EL, fiber optic and LED.

ELASTOMERIC KEYPAD ASSEMBLIES

GGI offers premier quality customized silicone rubber interfaces. Key design features include a wide-range of tactile feedback options, durometer levels, laser etching patterns, injection-molded plastic key tops, high resilience hard coatings and complete environmental sealing protection.

TOUCH SCREEN ASSEMBLIES

GGI applies its expertise and experience to the design and integration of touchscreen technologies such as: Resistive, 4 and 5-Wire and Capacitive Platforms.

PCB KEYPAD ASSEMBLIES

GGI's rigid/flex PCB based keypads are rugged, cost-effective and highly reliable. We offer complete rigid and flexible printed circuit board-based solutions from initial design through circuit fabrication, high-level assembly and functional testing.

GRAPHIC OVERLAYS

Options include digital, 4-color process and standard screen printing platforms as well as using both UV and conventional curing. Rapid prototyping, automated assembly, laser & CNC cutting, embossing/forming, optically-clear window integration, selective texturing including UV & Nitrogen (LINDE) curing.

DURASWITCH TECHNOLOGIES

GGI has been honored as Licensee of the Year for two consecutive years by Duraswitch for products such as ThiNcoder®, the thinnest rotary switch available, PushGate® and MagnaMouse™. This technology provides a unique alternative to some of the more commonly used switching options currently available on the market. A crisp and consistent tactile response and high actuation life are some key features of this magnetic switch technology.



MEDICAL

GGI's custom keypad designs for the medical field are typically built to withstand frequent cleaning with common hospital and domestic cleaning solutions. **GGI** provides solutions to medical OEMs from a simple membrane keypad to a full box build including rigid PCBs, machined and/or injection molded housings, rigid water-clear display windows (assembled in our clean room), EL, Fiber optic or LED backlighting, EMI-shielded windows and tough, long-lasting hard coatings. Leading edge manufacturers of cardiac defibrillators, kidney dialysis machines as well as diabetes monitoring equipment, have all counted on **GGI's** reliable User Interface Assemblies.



MILITARY/AEROSPACE

GGI designs and manufactures aerospace and military interface solutions. Applications range from illuminated panels, display bezels, keyboards and keypads, as well as electronic interfaces and switches, including NVIS.

Typical applications include civil and military aircraft cockpit and cabin functions, military vehicles, and military communication systems.



POS/POP

GGI designs and manufactures custom keypad solutions for indoor or outdoor use, all built to withstand extreme temperatures and humidity.

Credit card readers, fuel dispensing units, automated car wash and parking systems function 24/7 with **GGI** keypad technology. Key features include hermetic sealing, backlighting, touchscreen integration and tamper-resistant construction.



TELECOM

For more than 30 years, **GGI** has serviced a vibrant telecom industry with cost effective annunciator panel solutions. Industry leaders count on **GGI** for our reliable Smart Overlays, which are ultra thin graphic panels with integrated surface-mount LEDs. Smart Overlays are cosmetically appealing, highly reliable, and easy to install.



INDUSTRIAL CONTROLS

When the going gets rough... think **GGI** industrial-strength keyboards. We match the right technology to your specific needs. NEMA 4 sealing, chemically-resistant UV hardcoats, durable PushGate® switches, touchscreen integration – **GGI's** toolbox is unmatched in the industry.



OTHER INDUSTRIES

GGI is active in virtually every sector of the marketplace where a product requires a user-interface. If your company is in the early stages of product development or updating an existing platform, **GGI's** technical experts can guide you through the user-interface development stage and ensure you the very best solution within budget and on schedule.



For more detailed information, please visit our website at www.ggi-international.com

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