

## ABOUT CLASS 1 INC.

CLASS 1 INC. IS A LEADING PROVIDER OF MEDICAL GAS EQUIPMENT SERVICES, ON-SITE OXYGEN, HALOGENATED DRUG RECOVERY AND ENGINEERED INFECTION PREVENTION TECHNOLOGY TO HOSPITALS FROM COAST-TO-COAST IN CANADA AND THE US.

CLASS 1 MEDICAL GAS SYSTEMS DIVISION PERFORMS COMPLETE TURNKEY, DESIGN-BUILD, AND SUBCONTRACTED MEDICAL GAS PIPELINE INSTALLATIONS FOR HOSPITALS.

THE CLASS 1 FACILITY SERVICES DIVISION PROVIDES PREVENTIVE MAINTENANCE, 24/7 EMERGENCY SERVICE, AND HOSPITAL SYSTEMS MANAGEMENT INCLUDING SENTINEL REMOTE MONITORING WHICH PROVIDES ACCESS TO FACILITY EQUIPMENT INFORMATION FROM ANY WIRELESS DEVICE.

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*Class 1 is proud to be a founding member of*



# Vancouver Hospital Orders World's 1st Self-Disinfecting Patient Room System

**Class 1 Inc.** is pleased to announce that Vancouver General Hospital (VGH) has ordered the world's first self-disinfecting patient room system to be installed in two treatment rooms in the VGH Burn Unit. Burn Unit patients are at high risk of infections because of their compromised skin integrity. VGH has a strong history of research, innovation and early adoption of novel infection prevention technologies in Canada including the study and implementation of mobile UV room disinfection, AutoUV bathroom disinfection, copper self-sanitizing surfaces, and using Angus, the *C. difficile*-sniffing dog.

The Burn Unit Treatment Room system selected includes Class 1's Sentinel eye-in-the-sky vision device and thermal imaging system and Asept.3x AutoUV disinfectors. The array of sensors and disinfectors communicate wirelessly and continuously to ensure patient and staff safety. The treatment rooms can be safely and rapidly disinfected with the push of a button or automatically whenever the room is empty. MRSA can be eliminated in seconds. *C. diff* can be eliminated in just a few minutes. The system immediately shuts off if a door opens or occupancy is detected. Data analytics compiled by Class 1's Sentinel remote monitoring system can provide valuable information to clinicians and service technicians.

This 'Star Trek' technology is made possible by a collaborative partnership between Class 1 (Cambridge, ON), Wello (Dallas, TX) and Sanuvox (Montreal, QC). The AutoUV flashes the treatment room immediately after each use, periodically when not used, and when initiated by staff, effectively reducing the risk of contamination and infection.

Since 1 out of 10 Canadian patients currently acquire a Hospital Acquired Infection (HAI), EIP is believed to be a game changer in healthcare with the potential to significantly reduce HAIs, shorten average length of stay, free up hospital beds, and save millions of precious healthcare dollars. Class 1's EIP was awarded a 2017 Top 10 World Patient Safety Innovation by the Patient Safety Institute. The new self-disinfecting VGH Burn Unit treatment rooms are scheduled to be operational in early 2018.

To learn more about Engineered Infection Prevention (EIP) technology, including AutoUV disinfection, visit [class1inc.com](http://class1inc.com).