

## Application Brief: That Bar-B-Q Place



### The Challenge

Your average restaurant houses a large assortment of mechanical and electrical systems. Most modern restaurants have systems for lighting, HVAC, security, fire alarm, outside signage, and audio/video. Commercial kitchens add refrigeration, fire suppression, and specialized ventilation systems.

Now consider that each of these systems has its own readouts, dials, switches, alerts, screens, and other controls. If you need to keep track of all this, you're going to be busy.

Edmonton, Alberta-restaurant owner Dave Brosseau has given this problem a lot of thought. With wife Trina, Brosseau owns "That Bar-B-Q Place," a barbecue restaurant specializing in the slow-smoked barbecue style found in the Southern United States.

Brosseau, however, also runs CASE Technologies, Ltd., a Canadian automation integrator based in Edmonton. As an industrial engineer, he knew the systems his restaurant contained—in some cases having installed them himself—and he had an idea how to bring together the controls and indicators for these systems in one place.

### The Solution

Brosseau instrumented the existing systems in the restaurant and connected them to his Opto 22 SNAP PAC System. He had heard about *groov* and, after ordering a *groov* Box for the restaurant, he developed interface screens for the restaurant's connected systems and devices.

"That Bar-B-Q Place" now has a web-based *groov* interface that monitors and controls the entire building. Restaurant staff use their smartphones—at work as well as remotely—or a web browser running on a PC at the restaurant's front desk to monitor and control security, fire alarm, fire suppression, HVAC, lighting,

outside signage, TV menus, and even the kitchen hood fan.

While no stranger to HMIs (human-machine interfaces), Brosseau thought building and running a *groov* interface was particularly easy. "It was easy to implement," he says, "and an easy way to make the restaurant's systems visible, especially on smartphones."

### The Customer

That Bar-B-Q Place

[www.thatbarbqplace.com](http://www.thatbarbqplace.com)

CASE Technologies

[www.casetechltd.ca](http://www.casetechltd.ca)



Staff at a new barbecue restaurant monitor and control equipment using *groov* interfaces on mobile devices and PCs.

## **About Opto 22**

Opto 22 develops and manufactures hardware and software for applications involving industrial automation and control, energy management, remote monitoring, and data acquisition. Designed and made in the U.S.A., Opto 22 products have an established reputation worldwide for ease of use, innovation, quality, and reliability. Opto 22 products, which use standard, commercially available networking and computer technologies, are used by automation end-users, OEMs, and information technology and operations personnel in over 10,000 installations worldwide. The company was founded in 1974 and is privately held in Temecula, California, U.S.A. Opto 22 products are available through a global network of distributors and system integrators. For more information, contact Opto 22 headquarters at +1-951-695-3000 or visit [www.opto22.com](http://www.opto22.com).