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Eat. Control. Love.

A perfect recipe of culinary arts and control

Now you'll know the instant the kids leave the refrigerator door open.



PHOTOS: SUB-ZERO AND WOLF

Introducing the smart kitchen that delights gadget geeks and foodies alike

It's where we go to get our day started, sometimes to snack and often to prepare a celebration. Many feel it is the heart of the home. No matter how you slice it, one thing is clear: The kitchen brings people together more so than any other room in the house.

But the latest generation of kitchens is about much more than sleek and austere design or a splash of color in the cabinets. The new smart kitchen has taken into account the relationship between the room and its residents.

From being notified as guests pull into the driveway to cueing the dinner party music and lighting with a simple touch of a button, Control4 has long made setting the perfect entertaining ambiance a cinch. But what happens when you mix a home-wide automation system with the world-class kitchen appliances of Sub-Zero and Wolf, the food preservation and preparation specialists? You get a perfect blend of technology and art that delights gadget geeks and foodies alike.

SMART PRODUCTS FOR A SMART KITCHEN

"Basically, you can take your kitchen with you anywhere in the house," laughs Sub-Zero engineer Steve Nackers. And vice-versa, points out his wife Kirstin: "We can control just about every aspect of the house from the kitchen through the Control4 remote control."

Notably, the smart appliances are as easy to navigate as they are innovative. "At first, Kirstin was worried that the house would take control—that it would be a situation like *The Terminator*," says Steve. "She was afraid it would be complicated. It's a testament to Control4 that it's not at all. Now she absolutely loves it. The kitchen is the first thing she shows people when they come over."

The Control4 smart kitchen is designed around the Sub-Zero Built-In Series refrigerators and the Wolf E-Series ovens. Both integrate seamlessly with a Control4 automation system, effectively

making the kitchen a command center for anyone who spends even a little bit of time there.

THE SUB-ZERO BUILT-IN SERIES REFRIGERATOR

The smart kitchen will not only alert you that the fridge door is open—it will report how long it's been open. You can choose to be alerted either with a text message or by having the house lights pulse on and off.

"That's something I do myself all the time," says Steve. "I'll shut the fridge with my leg and I won't realize that it jammed and is still open a couple inches. Of course, you never notice. And before you know it, the ice cream's melted, the chicken gets frostbitten from thawing and refreezing and you've leaked all this energy."

Additionally, the fridge can be programmed for party mode to increase ice production and adjust cooling to accommodate the traffic increase. Conversely, it can be programmed for a long weekend away. In this mode, food preservation settings ensure that food stays as fresh as possible. For longer stays, vacation mode will reduce energy consumption and cooling to a minimum to make sure the fridge is food-ready upon return.

For Orthodox Jews, a Sabbath mode can be pre-scheduled. On this setting, neither the fridge nor the freezer will respond directly to user actions, per the standards of the kosher authorities at Star-K. The lights, compressors, and fans that normally are affected by door openings will now function in compliance with Sabbath rules.

Other conveniences include the option to connect with a system that can communicate with external parties, in which case, the smart



Sub-Zero is all about keeping food fresher longer, and this takes it to another level.

refrigerator can provide error code information prior to a service visit to ensure that the service tech is informed before they even enter the home.

THE WOLF E-SERIES OVEN

The Wolf E-Series Oven is also designed around the idea of cooking confidence and perfect results every time, and now taking the kitchen wherever you go. It enables the user to monitor cooking from anywhere in the home, so

they can entertain or multitask worry-free.

"My wife is a pediatrician and sometimes works night shifts," says Steve. "So, I'll just make a pizza, right? And I swear, this happens every time. While the oven is preheating, I'll take the dog out. Then, when I get back from the walk, I completely forget about the oven." With the smart oven in place, Steve now gets a text to his phone that the oven is done preheating.

The smart oven also has alerts for when it shouldn't be on—an

PHOTOS : SUB-ZERO AND WOLF

THERE'S SOME SHINY, NEW HARDWARE IN OUR KITCHEN.



THANK YOU TO ALL THE CUSTOMERS WHO GAVE US THEIR HIGHEST RATING.

*"Sub-Zero ranked Highest in Customer Satisfaction with Refrigerators."
"Wolf ranked Highest in Customer Satisfaction with Ranges, Cooktops, and Ovens, Two Years in a Row, Tied in 2011."*





“The smart oven includes a temperature probe—it will show you the temperature in the turkey on the TV!”

especially handy feature for families with small children. Other alerts include options for when the timer is almost finished and when a piece of meat has reached optimal cooking temperature. “I have a large family that is spread out and Madison, Wisconsin where I live, is the most central, so I typically host Thanksgiving,” describes Steve. “As we all know, turkeys take three or four hours to cook. Well, the smart oven includes a temperature probe—it will show you the temperature in the turkey on the TV! So I can watch the Packers game and know that I’m not overcooking the turkey.”

MORE SMARTS PLEASE

Kirstin recalls another time Control4 once saved the day: “I’d



Keep tabs on your turkey even as you are watching the big game; get a text alert on your phone or your TV when the bird is done.

baked a cheesecake the day before a friend’s party, but had to go out of town that night. I accidentally

left the cheesecake cooling on the counter and never put it in the refrigerator. We were able to open the garage door remotely, so my sister could get in and get the cheesecake into the fridge. After she left, we were even able to double check that she’d closed the garage door!”

THE CONTROL4 SMART KITCHEN—THERE’S AN APP FOR THAT

The Control4 smart kitchen is not only a forerunner in connecting to smart appliances, it is also the first to provide homeowners a way to enhance their overall system through touch screen applications for the home. The same way you do with your mobile phone, homeowners can now add more

functionality and fun to their Control4 system by downloading different apps.

Want to pull up a recipe for apple pie? With a touch of your finger, source America’s best on the Control4 touch screen on the countertop. Then liven things up with Brazilian pop music or NPR while you dice the apples. Meanwhile, a simple button click will let you check who’s at the door when you’re elbow-deep in dough.

From a babysitter app that lists emergency numbers on a touch screen in the kitchen, to a reservation app that will square off your dinner plans, to a weather app that tips you off as to how warmly to dress, Control4 adds smarts to virtually every aspect of your home and kitchen.

For the green-minded foodie, there are also apps that focus on energy efficiency and management. Now, you can better understand where to save. For example, some apps can help your smart appliances work with your thermostat to heat the house less as soon as the oven starts heating up. In areas where electricity prices vary throughout the day, the smart refrigerator can also save money. With a single touch, it can target the cheapest times of days for using energy.

“Our appliances are designed to be very energy efficient,” remarks Steve. “Any advantage we can give to the green consumer, we put in there. Whether it’s features, software or intelligence, we make it as environmentally friendly as possible.”

So, there you have it: In addition to all the other firsts, the Control4 smart kitchen may very well be the first kitchen to earn the approval of both the Barefoot Contessa and Al Gore. ■

PHOTOS : SUB-ZERO AND WOLF

PHOTOS: WEBARCHIVE.ORG

YESTERDAY'S KITCHEN OF TOMORROW

So what did the “Kitchen of Tomorrow” look like more than 50 years ago? General Motors’ “Frigidaire Division” gave viewers an elaborate sneak-peek in “Design for Dreaming,” a short film produced for GM’s annual auto show, Motorama.

A masked prince takes our heroine on a journey of what’s to come. The fanciful, futuristic assembly of prototype appliances and culinary conveniences include the Electro recipe file (“Put a card in the slot and onto the screen pops a picture of just how your dish will look, plus all the ingredients you need to cook,” our heroine sings.); battery-controlled serving carts; an ultrasonic dishwasher (“No need for the bride to feel tragic, the rest is pushbutton magic,” she belts.); a range that cooks with induction coils and



never gets hot; a free-standing rotisserie-style oven with a plexiglass dome for a cover (“Don’t have to be chained to the stove all day, just set the timer and you’re on your way.”); and glass-walled rotating refrigerator/freezer (Pictured below.) dubbed the ‘Roto-Storage Center.’

The exhibit turned out to be one of Motorama’s most popular ever, and no wonder: “So whether you bake or broil or stew, the Frigidaire kitchen does it all for you.” Bon appetit!



STEP INSIDE TODAY'S SMART KITCHEN

What's cooking in a smart kitchen depends entirely on what kind of intelligence you'd like to serve. Here are just a few examples:

- 1 Access your favorite recipes from a touch screen in the kitchen. Or make dinner reservations at your favorite restaurant.
- 2 Automate your shades to close as the sun sets. Open as the sun rises.
- 3 Program one-touch buttons for optimal lighting: one for "Cooking Prep," another for "Entertaining."
- 4 Send appliance maintenance and service requests through the Control4 system.
- 5 Set oven lights to flash in other rooms when the preheat is complete.
- 6 Send a notification to the living room TV when the roast has reached optimal temperature.
- 7 Program the ice-maker to increase ice production just in time for the party to commence.
- 8 Request alerts that report your energy usage.
- 9 From a touch screen, queue up the perfect playlist as your guests sit down in the dining room.

