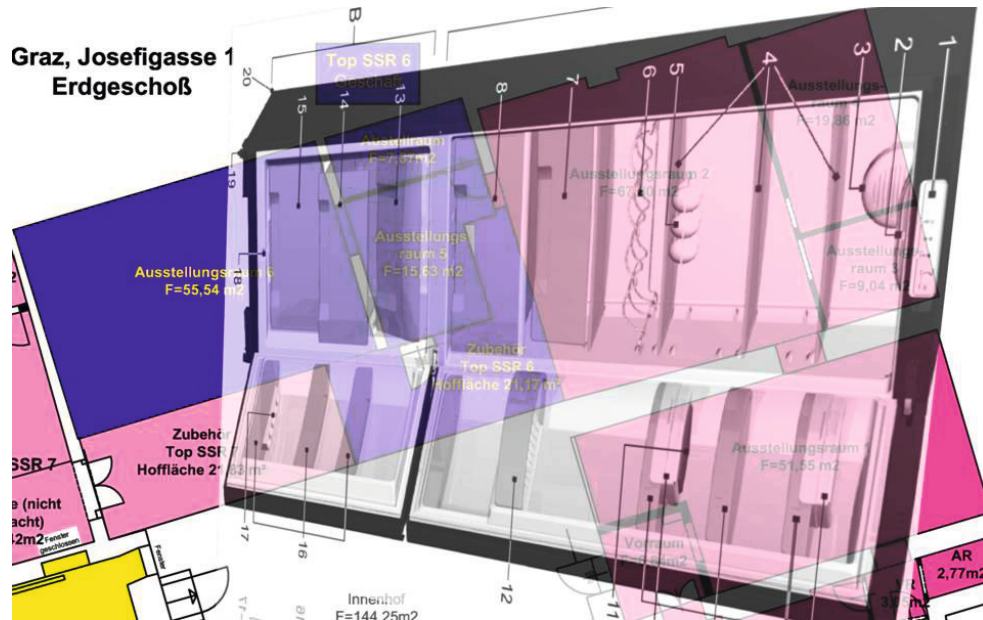# The Smart Frrridge
Chilly Forecast
for Internet Fridge

Nicolas Ceccaldi × Simon Denny ×
Yngve Holen × Ilja Karilampi × Morag Keil ×
AIDS-3D (Keller / Kosmas) × Marlie Mul

Period 10. 12. 2010 – 19. 2. 2011, Tue – Sat 10 a.m. – 1 p.m.,
Wed – Fri 3 – 6 p.m., closed 23. 12. 2010 – 8. 1. 2011

Curators Sandro Droschl, Yngve Holen
Reader available

The current fridge interface contains many flaws that could be improved and expanded.

For example you can't see everything in your fridge at a glance. You thought you'd bought hot sauce, but you don't see it anywhere.

Or imagine it's dark, it's the middle ofthe night, you turn to your fridge and when staring into the light you can't remember when you bought something. When exactly did you put those leftover fish-sticks in there? How old is that Bircher-muesli? What's up with that asparagus?

The day after you can't remember if you are out of something or not, or if you are running low. Or perhaps you do remember, but your roommate was inconsiderate and used all your milk for her cereal – and didn't tell you.
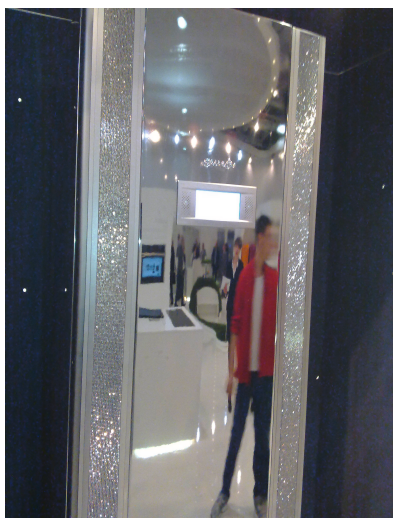
Just imagine your roommate drinks all your beer without replacing it. You want to keep it out of her reach but the"don't drink me" note is not working.

The Smart Frrridge offers a solution.

What is this Smart Frrridge? Nothing more than a brand new version of the familiar kitchen apparatus?

This fridge comes with an in-built computer that can be connected to the internet. It is one of a growing category known as "internet appliances" that include not only handhelds and smart phones, but also web-enabled versions of typical household appliances. Seeing we have so many things going on in the kitchen we thought "let's put access to the internet there". And more importantly, the fridge is really the only thing in the house that is on 24 hours a day!

The coming fridge keeps an eye on what foods are put inside. You no longer have to open it to see what is in there to know what is in there. By using RFID technology, an inbuilt digicam and image processing, this fridge is aware of what products are put inside. How long has this been there? Is it dated? Should I trash this? will be answered as well as informing you what you are low on.

Smart fridge (1) in custom skin
photographed by smart fridge (2)

Open smart fridge (2)
photographed by smart fridge (1)

Keep in contact also from distance. Just imagine you're in your office and you decide to invite all your friends over for dinner that night. All you have to do is to pick up your mobile phone and call your fridge. It will be able to give you a heads-up on what foods you have stored inside, suggest you a menu that uses some of those foods, and once you have selected the menu it will generate a shopping list for items you need to pick up, or even just order the missing ingredients online for you. Once home it will feed you with vocal instructions, spoon by spoon, till you dish out the perfect wholesome meal.

Of course you could also use the fridge to watch television or listen to music, to take a photograph, save it to an album, or post it to a website, or, (if you prefer) send it to and email recipient.

And seeing this fridge comes with a docking station you can just dock in your iPod or iPhone and start using all your favourite cooking apps.

You guiltily pick up a chocolate bar and are about to close the fridge door when your iPad beeps. "Hey buddy, you've already had too many calories today – put that back!" Blushing, you return the chocolate bar and pick up some sunflower seeds. You glance back at your iPad that now displays a large green "check" mark on its screen.

You will never be alone again, and it's no longer just you and your fridge: The Smart Frrridge will communicate with your smart phone and together they'll keep a constant eye on you.

Comments (69)

D1 3 YUPP1 3 55P0093 says:
Wow – menu planning for people who are too lazy to actually plan meals, but too wealthy to let that stop them. I suppose it at least encourages cooking and less wastefulness???
Posted On: Yesterday

Ley_zee says:
I love this though when will they come up with a fridge that makes up the food for you?!?! ;)
Posted @ 69BPM

Anonymous says:
As geeky as I am it would be a pretty chilly day in hell for me to let my refrigerator dictate what I should eat.
Posted On: Yesterday

Future Dialogue 2011 says:
Love the idea…no thinking involved just follow up the instructions…but as you pointed out…inputting the ingredients…not a very practical option
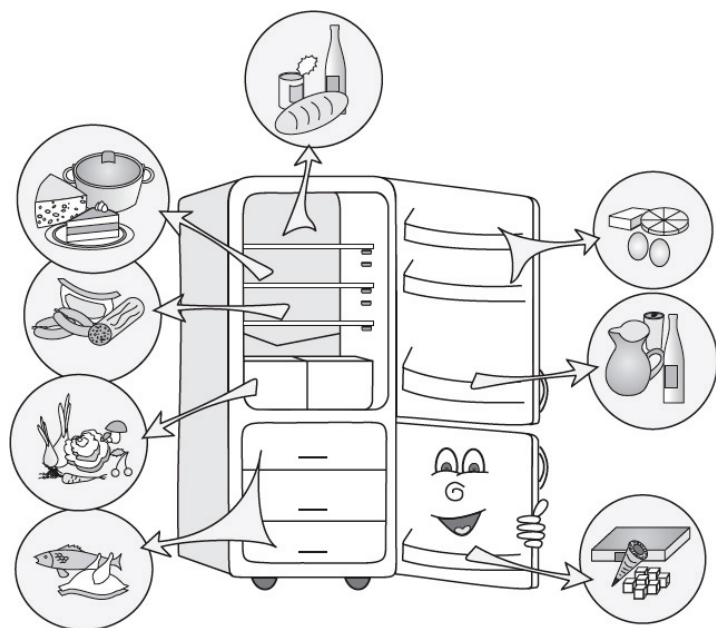Posted On: Tomorrow

Anonymous says:
Good idea, though won't work cause lights out when door closes.

Anonymous says:
You just put leftovers in the fridge on a cutting board without anything to cover it?
What the fuck?

Content-Aware Fridge
(List of Content)

Fridge Lamp
Smart fridge,
energy saving light,
33,3×60×64 cm
Fridge Lamp
Smart fridge,
energy saving light,
33,3×60×50 cm
Fridge Lamp
Smart fridge,
energy saving light,
33,3×60×50 cm
Fridge Lamp
Smart fridge,
energy saving light,
33,3×60×64 cm
Fridge Lamp
Smart fridge,
energy saving light,
33,3×60×50 cm
Fridge Lamp
Smart fridge,
energy saving light,
33,3×60×14 cm
Fridge Lamp
Smart fridge,
energy saving light,
33,3×60×64 cm
Fridge Lamp
Smart fridge,
energy saving light,
66,6×60×14 cm

Nicolas Ceccaldi
*1983 Montreal
Coffin cam
2010, Mixed materials,
dimensions variable
Crust cam
2010, Mixed materials,
dimensions variable
Midnight cam
2010, Mixed materials,
dimensions variable

Simon Denny
*1982 Auckland
**Multimedia Double
Canvas Toshiba**
2009, Inkjet on canvas,
metal, 76×100×66 cm
**Multimedia Double
Canvas Thomson**
2009, Inkjet on canvas,
metal, 87×117×58 cm
**Multimedia Double
Canvas Tevion**
2009, Inkjet on canvas,
metal, 60×80×54 cm
**Multimedia Double
Canvas Hantarex**
2009, Inkjet on canvas,
metal, 141×60×43 cm
**Multimedia Double
Canvas Philips**
2009, Inkjet on canvas,
metal, 51×92×13 cm
**Multimedia Double
Canvas Samsung**
2009, Inkjet on canvas,
metal, 51×80×3 cm

Ilja Karilampi
*1983 Gothenburg
Dj Säkerhetskontroll
2010, Video
installation, length
10'12", Aluminium
scaffolding, Samsung
SyncMaster P50 Plasma
Panel, 200×71cm
Borghett0
2010, Concrete,
dimensions variable

Morag Keil
*1985 Scotland
The Bags
2010, Mixed materials,
dimensions variable
The Bags
2010. Mixed materials,
dimensions variable
The Bags
2010, Mixed materials,
dimensions variable
The Bags
2010, Mixed materials,
dimensions variable
The Bags
2010, Mixed materials,
dimensions variable

AIDS-3D
(Keller/Kosmas)
Daniel Keller *1986
Detroit, Nik Kosmas
*1985 Minneapolis
**Ideal Work
(Creative Solutions)
4x4 Diamond #001**
2010, Rebel green LOF
polycrystalline solar cell,
laminated safety glass
**Ideal Work
(Creative Solutions)
4x4 Diamond #002**
2010, Pacific blue LOF
polycrystalline solar cell,
laminated safety glass
**Ideal Work
(Creative Solutions)
4x4 Diamond #003**
2010, Metallic gold
LOF polycrystalline
solar cell, laminated
safety glass

Marlie Mul
*1980 Utrecht
**Apple, Stick, Horizontal,
Connected**
2010, Clay, wood,
ink, plastic tubing,
dimensions variable