Summary

Santa Claus needs a solution to get information about the chimneys, where to find the Christmas tree and possible risks of the houses he’s visiting across all the globe on Christmas Eve.

Storyline

Just like every year at the same time, Santa Claus is visiting millions of homes across all the globe. To do that within 24 hours, he’s highly interested in knowing where to find the chimney as entrance of each and every house he’s visiting. He also needs information about where to find the Christmas tree to properly place the presents. Additionally, he needs information about possible risks, e.g. dogs, which could impede the Christmas present delivery. If he could get this crucial information, he could make sure to deliver all the presents in time.
**Responsibilities**
- Production of the presents
- Delivery of the presents

**Needs**
- Get into houses using the chimney
- Find the Christmas tree in the house
- Avoid possible risks
- Get all information in real-time

**Main Goals**
- Better management of time
- Avoid delay

**Pain Points**
- Not being seen in the house
- Where to put presents
- Finding chimneys
- Biting dogs (or other pets)

**Santa Claus**

„I’d like to deliver all the presents in time to make the children happy“
As Santa Claus I need a way to find the exact location of the chimney so that I do not have to sneak around the house for too long.

As Santa Claus I need a way to know whether any persons in a house are still awake so that I can make sure not to be seen.

As Santa Claus I need a way to find the fastest way to the Christmas tree in the house so that I can put the presents there.

As Santa Claus I need a way to know about and avoid possible risks in a house so that I can keep my tight schedule and avoid making noise.
Delivering Christmas Presents

The feelings of Santa Claus are measured in gingerbread man equivalents.

"Where is the chimney?"

Touchpoints: Chimney

"I don’t remember the house from last year"

Touchpoints: Sledge Reindeers

"I should start a diet…"
"Oh, a dog, let’s don’t make any noise"

Touchpoints: Dog

"Another one less on my list"
"Merry Christmas!"

Touchpoints: Presents

"Where is the Christmas tree?"

The feelings of Santa Claus are measured in gingerbread man equivalents

"Leaving house"
"Another one less on my list"
"Merry Christmas!"
Solution

Santa Claus uses the Santa Claus Dispatch system which is based on a huge amount of sensors (motions, noise, video) in every home to make sure his needs are met (see example sensor placement on house scheme below). He can get the processed real-time sensor data using the Santa Claus Dispatch SAP Fiori App.

A red star represents a GPS sensor to precisely locate the chimney
A blue star represents a motion and noise sensor
Prototype

The prototype has been created with build.me:

https://standard.build.me/api/projects/45e34bf1675cbf1f0cce2550/prototype/snaps
hot/latest/index.html#/14771369711333244_S0