DISINFECTANT PRODUCTION DASHBOARD
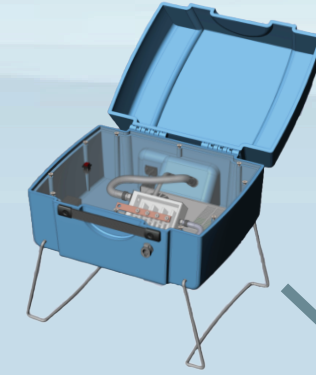## Visualizing market patterns for the SafiStation™
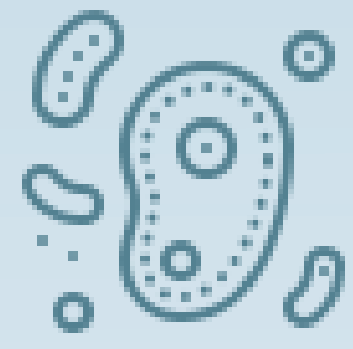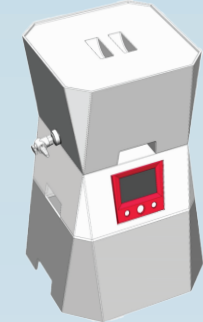
Christa Joy Jaeger, Yuyue Zhu, Zeb Burke-Conte, Victoria Juan

PATH   MSR

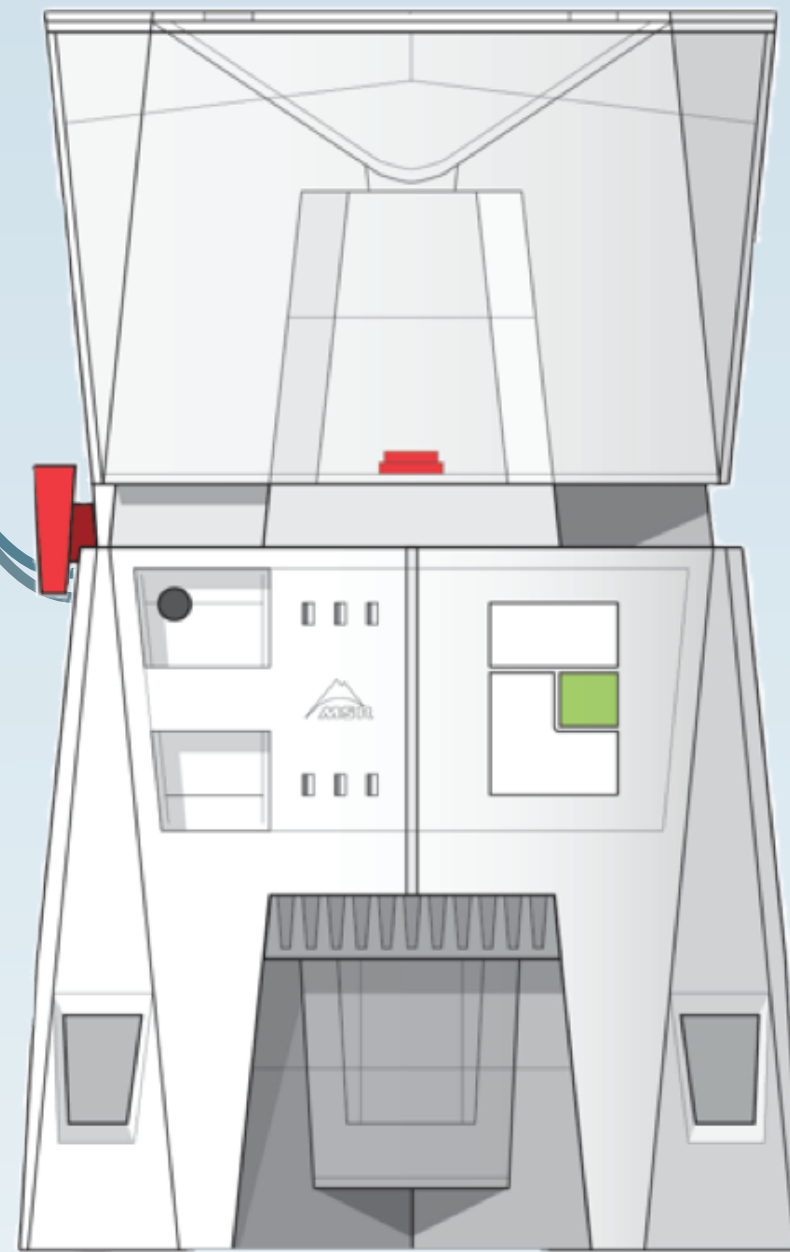Jan. 2015 - Mar. 2016

Nov. 2016 - Dec. 2017

Jan. 2018 - Dec. 2018

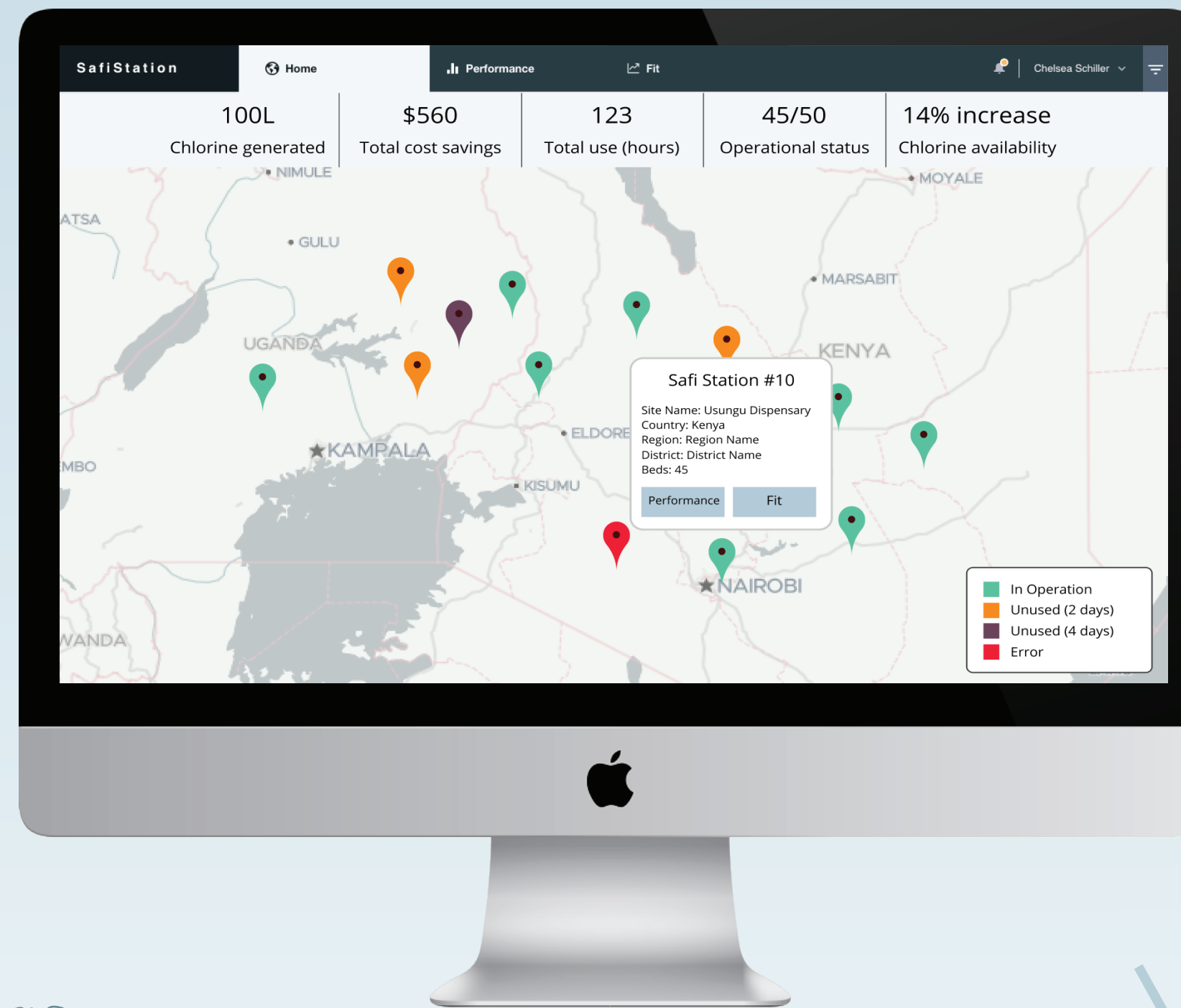In 2015, **2.7 million newborns** died due to hospital-acquired infections.

Newborns in low- and middle- income countries are **3-20x more likely** to get a hospital-acquired infection than in high-income countries.

Photos Credit: PATH

Chlorine is a proven solution, but it is **expensive** and **not always available**.

The SafiStation produces chlorine **on demand**. Projections show a significant **five-year cost savings**.

In fall 2018, PATH will test **50 devices** in hospitals in **Uganda**, **Zambia**, and **Ghana**.

Identify Problems
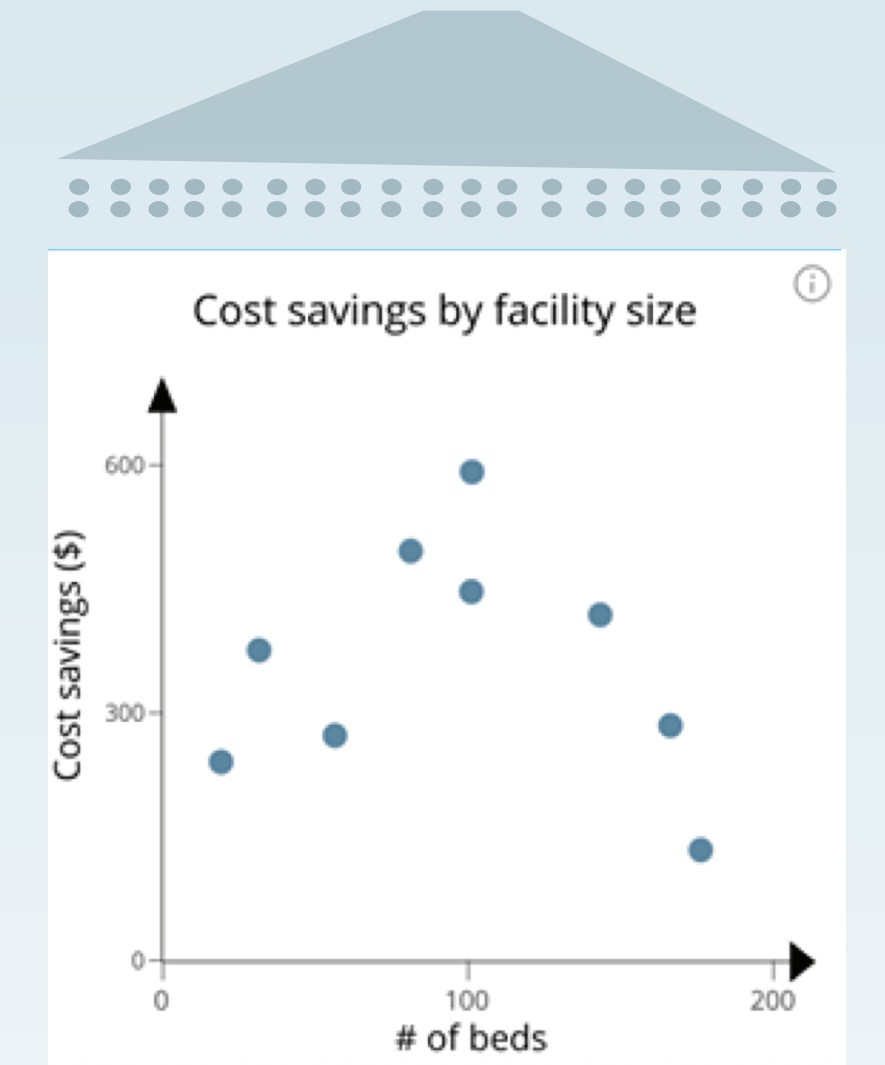
PATH will use the dashboard to monitor usage of the device.

SafiStation1
Nairobi, Kenya — Heart Clinic

SafiStation2
City, Country — HCF Name

SafiStation7
City, Country — HCF Name

SafiStation   Home   Performance   Fit   Chelsea Schiller

100L	$560	123	45/50	14% increase
Chlorine generated	Total cost savings	Total use (hours)	Operational status	Chlorine availability

NIMULE
GULU
MARSABIT
MOYALE
UGANDA
KENYA
KAMPALA
ELDORE
KISUMU
NAIROBI
RWANDA
MBO

Safi Station #10
Site Name: Usungu Dispensary
Country: Kenya
Region: Region Name
District: District Name
Beds: 45
[Performance] [Fit]

In Operation
Unused (2 days)
Unused (4 days)
Error

Find the Right Market

PATH will use the dashboard to evaluate the market fit and potential cost savings of the SafiStation.

Cost savings by facility size

Cost savings ($)
600
300
0
0   100   200
# of beds

Tell Stories

PATH will use statistics from the dashboard to convey the device's impact to stakeholders and the general public.

1,000L
total chlorine generated