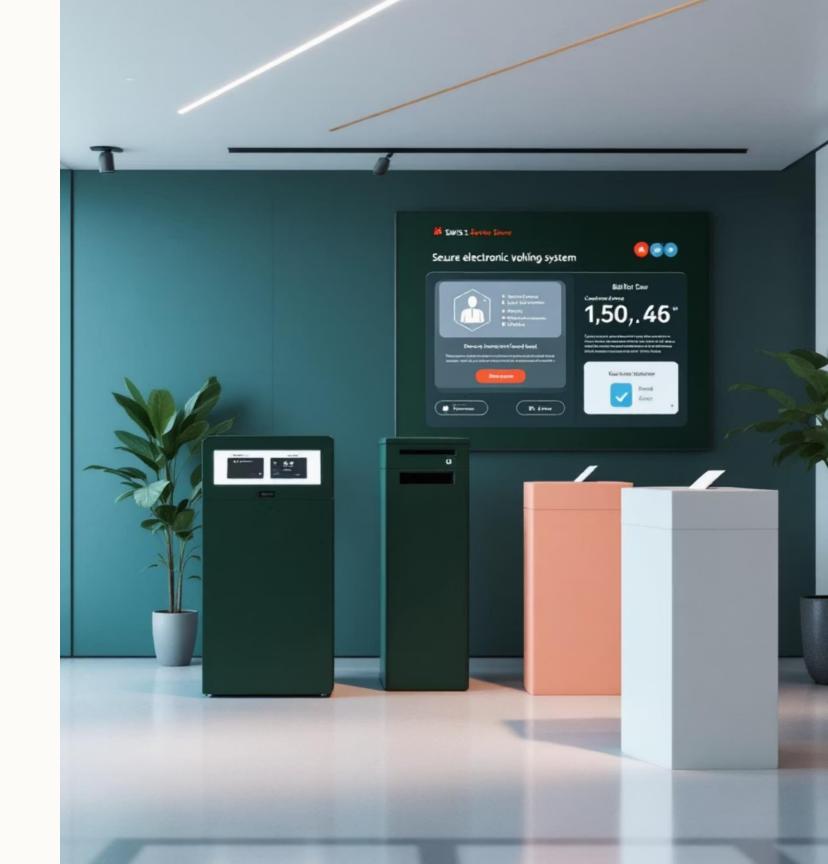
# Swiss e-Democracy: Redefining Election Operations

The project at Insitum in collaboration with Swiss Post, Cantons, and Scytl from April-August 2017

Service Designer: Led workshop & conducted interviews with election administrators, Swiss Post, & product teams. Delivered a comprehensive service blueprint, customer journey map, wireframes, and training materials.

Team: 3 Product Managers, 3 Swiss Post Operations specialists, 2 Designers, and 2 UX researchers









I just need to know the type of contest and set the dates for each

G

Ballot 2



Open Date 2 Close Date 2 -





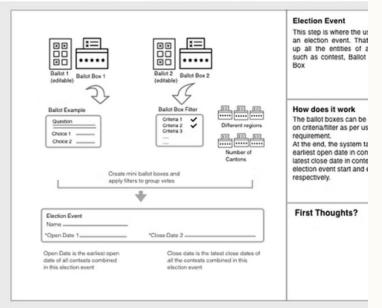


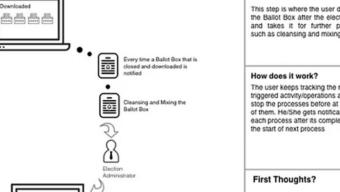
#### Contest, Ballot and Ballot Box

This step is where the user creates an election event. That is setting up all the entities of an election such as contest, Ballot and Ballot

The user first creates Contest, as per the contest the designed ballot gets selected which can be edited for the values(candidate's list, party list etc) and Ballot Box is created by default. The pre-defined ballot formats are generated by the system

#### First Thoughts?



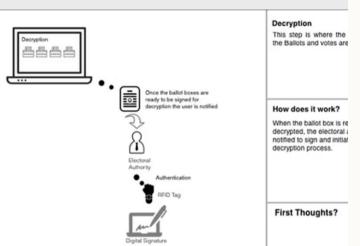


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#### Ballot Box Download/Closure/ Cleansing/ Mixing

This step is where the user downloads the Ballot Box after the election event and takes it for further processing such as cleansing and mixing.

The user keeps tracking the machine triggered activity/operations and can stop the processes before at the start of them. He/She gets notification of each process after its completion and



# Approach



### Objective

Redesign the e-voting platform for secure, fair, and efficient election operations.



#### Research

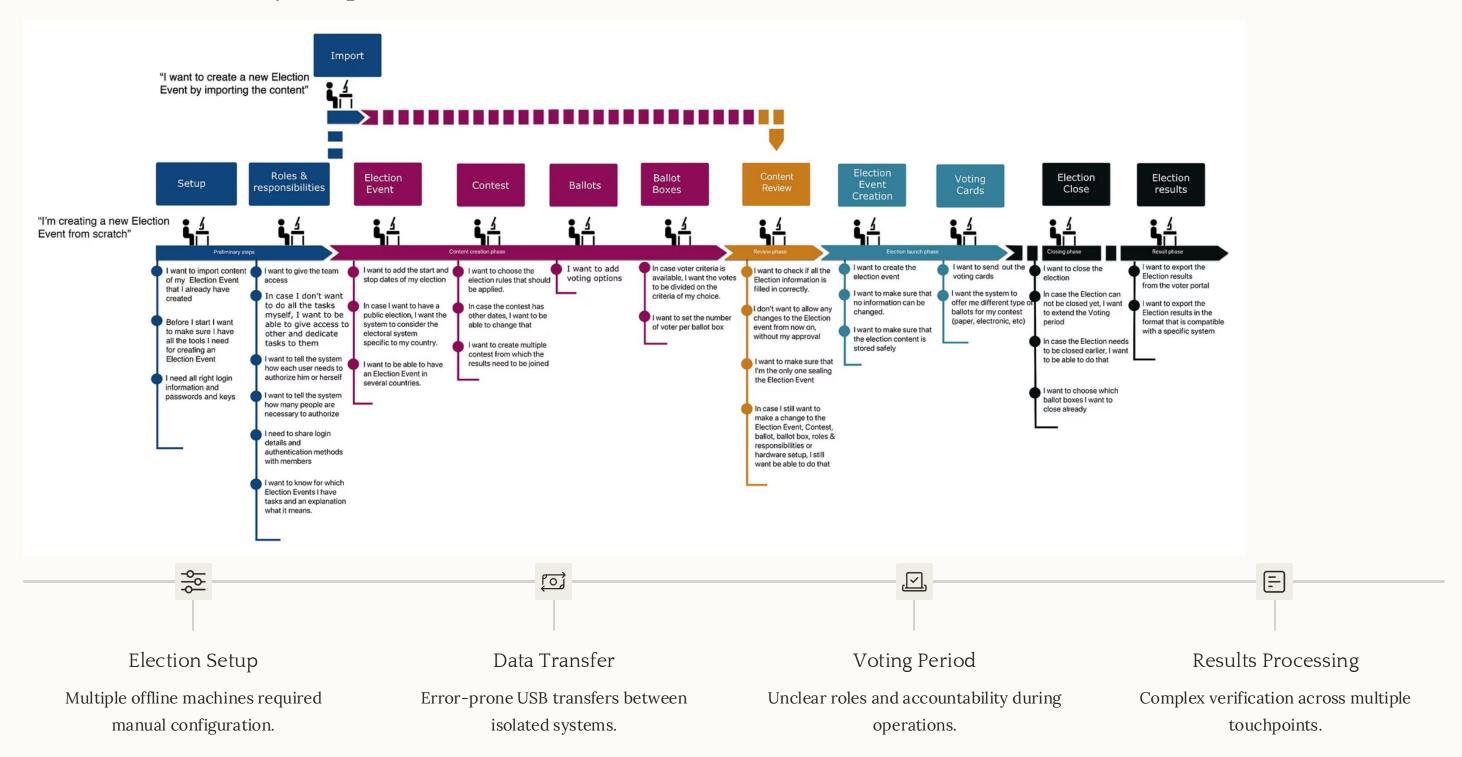
Conducted interviews with 22 participants and workshops with Swiss Post and Scytl teams.



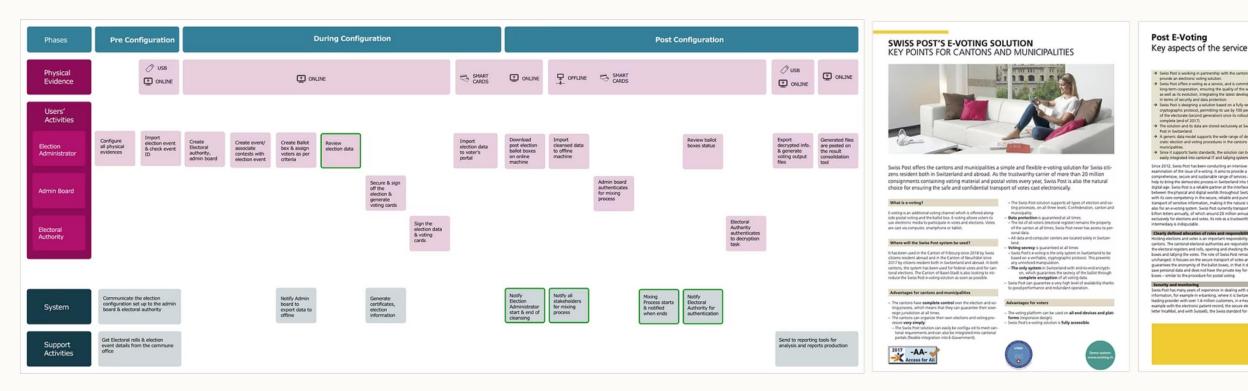
### Challenges

Disconnected processes, manual data exchanges, and lengthy training requirements.

### Customer Journey Map



## Service Blueprint





Streamlined Touchpoints

Reduced from 7 to 4 touchpoints for simpler operations.



Clear Role Definition

Established accountability through demarcated responsibilities.



**Process Automation** 

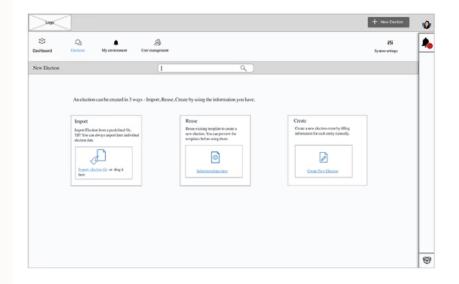
Automated process completion notifications, ballot box criteria and setup templates.

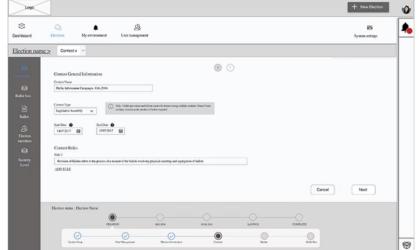


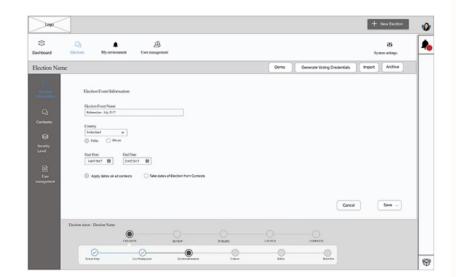
Documentation

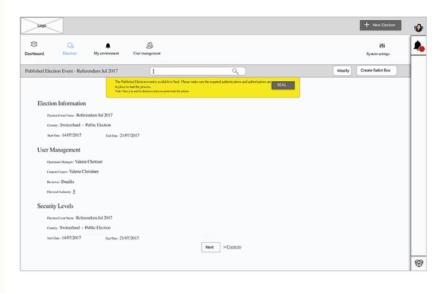
Created comprehensive process guides and training materials.

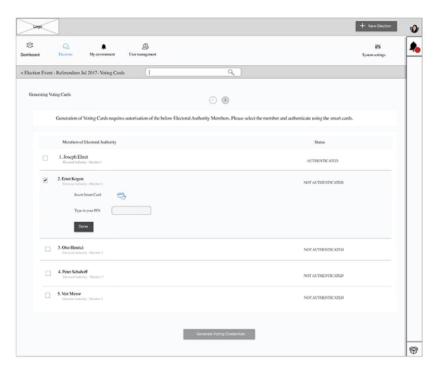
### Tactical UX Improvements

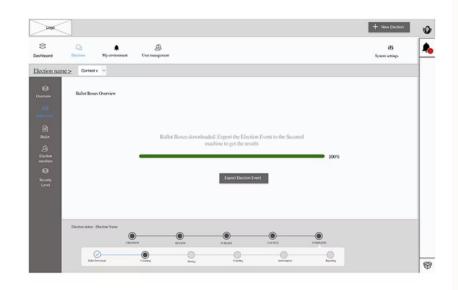












#### Template-Based Setup

Election configuration with reusable templates or custom options.

#### Pre-Filled Rules

Contest rules automatically populated based on election type & automated criteria selections for ballot boxes.

#### Automated system notifications

Eliminated manual monitoring by alerting admins after each ballot processing stage, streamlining process transitions.

#### Results

 $7 \rightarrow 4$ 

Touchpoints

Reduced system touchpoints for streamlined operations.

50%

Online Voting

Enabled in 3 cantons, up from previous 25% limit.

↓40%

Setup Time

Faster configuration with templates and clear roles.

### Lessons Learned

Early Stakeholder Alignment

Workshops ensured all parties shared common goals.

S

YOK YOK Sacrificial Concepts

Early prototypes clarified actual user needs.

Security Integration

Balanced usability with stringent security requirements.

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Scalable Model

Created foundation for secure e-voting expansion.