



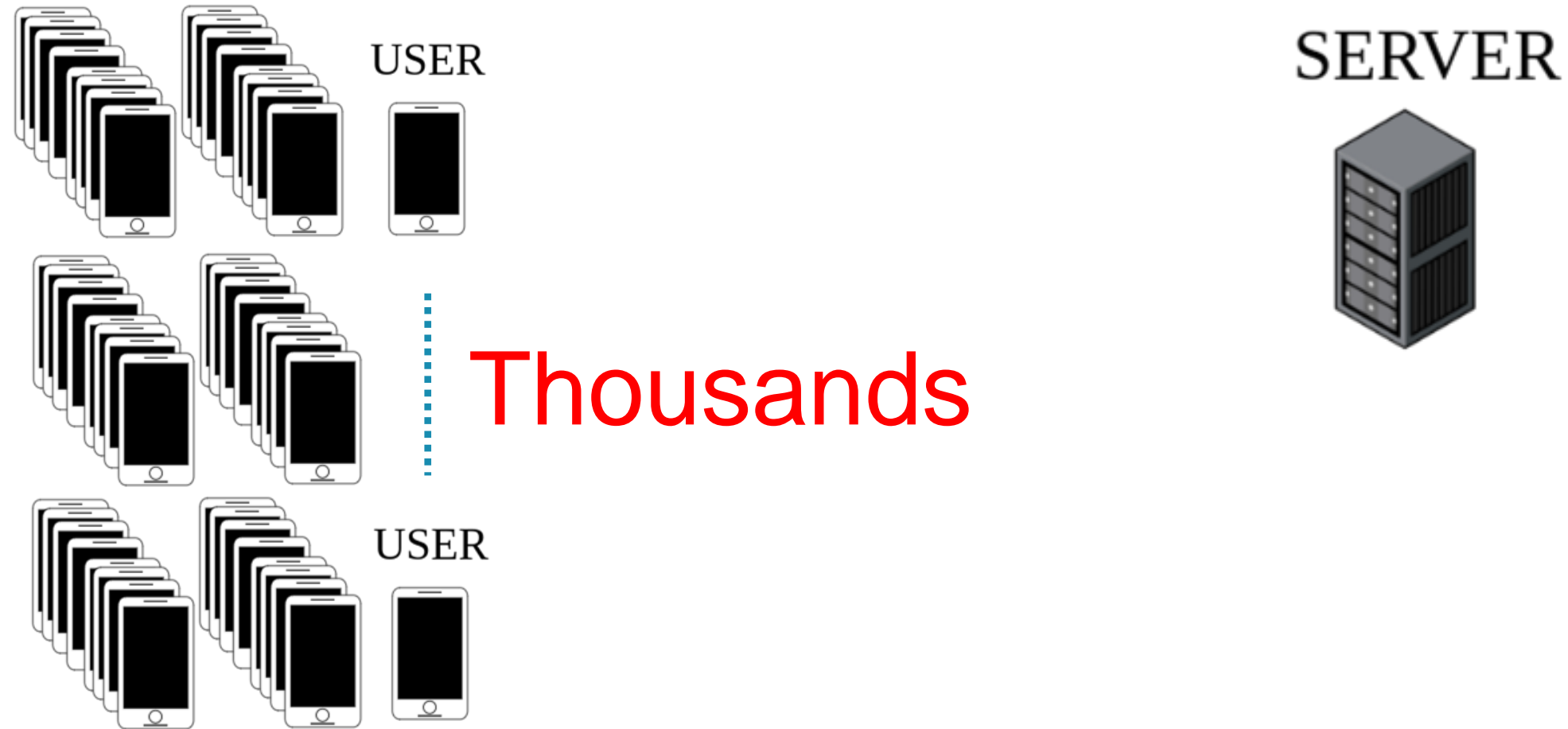
Unsupervised Model Personalization while Preserving Privacy and Scalability: An Open Problem



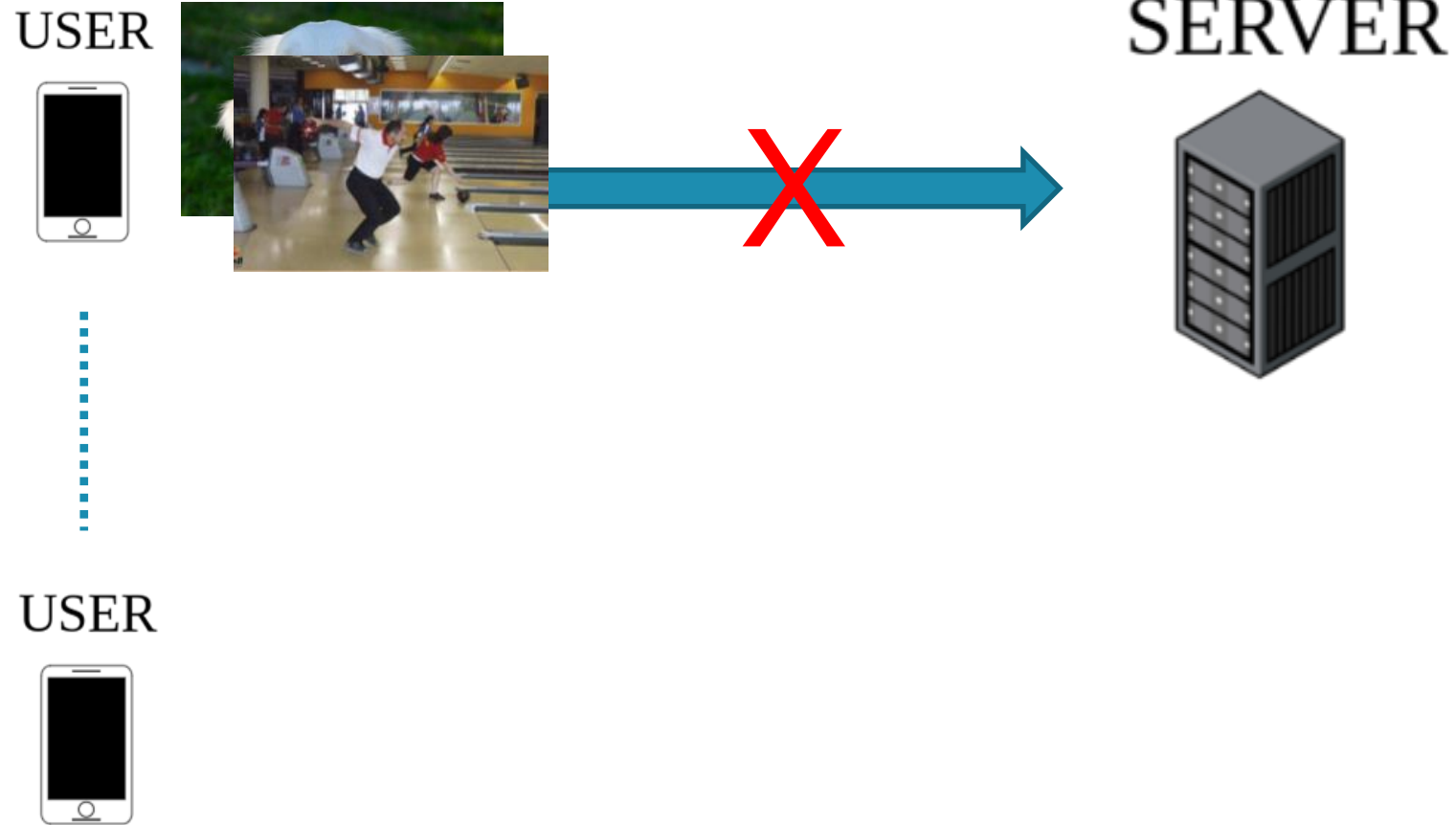
KU LEUVEN



Scalability



Privacy



Supervision



SERVER



Dual User-Adaptation framework (DUA)

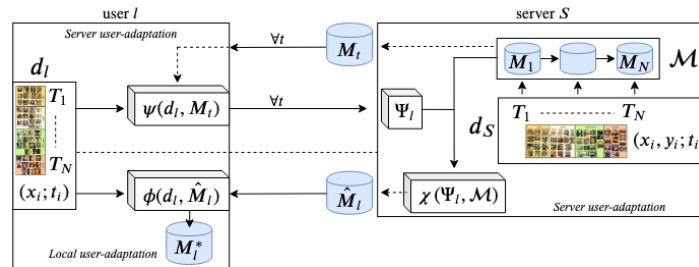
USER



USER



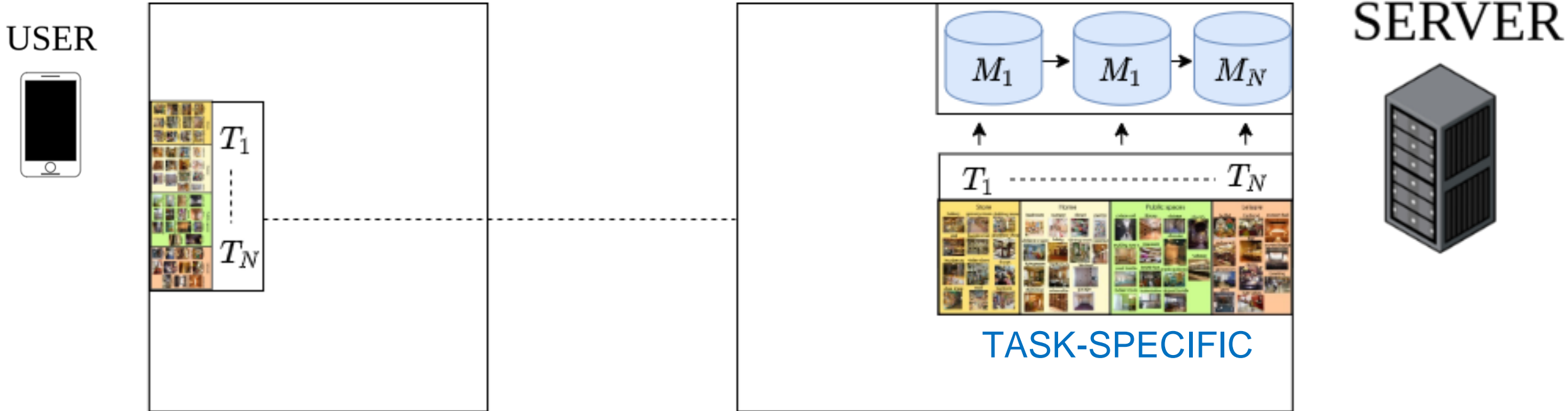
DUA



SERVER



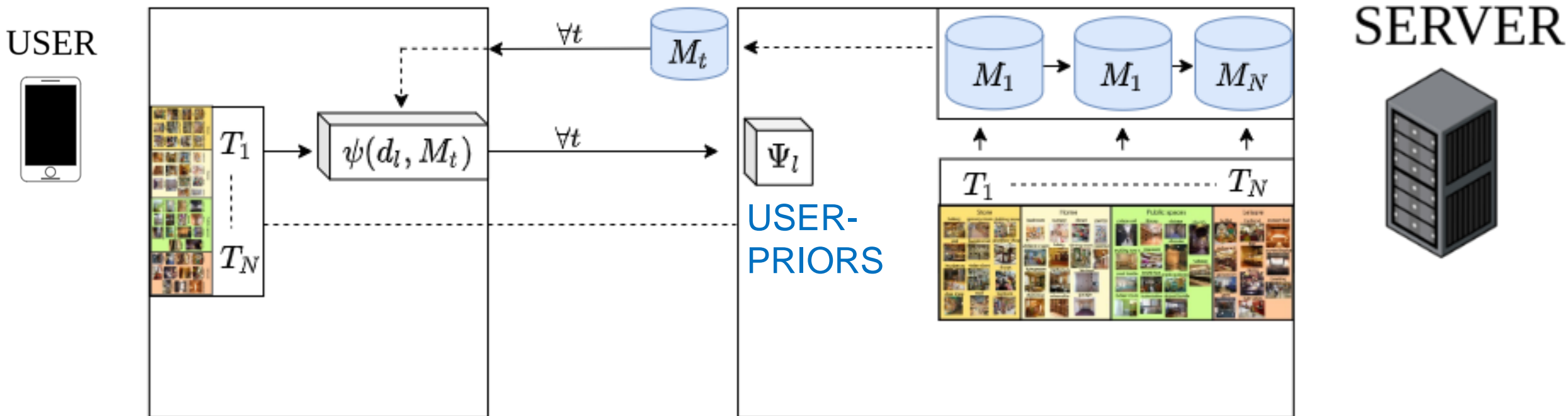
(1) Serverside Adaptation



✓ Scalable



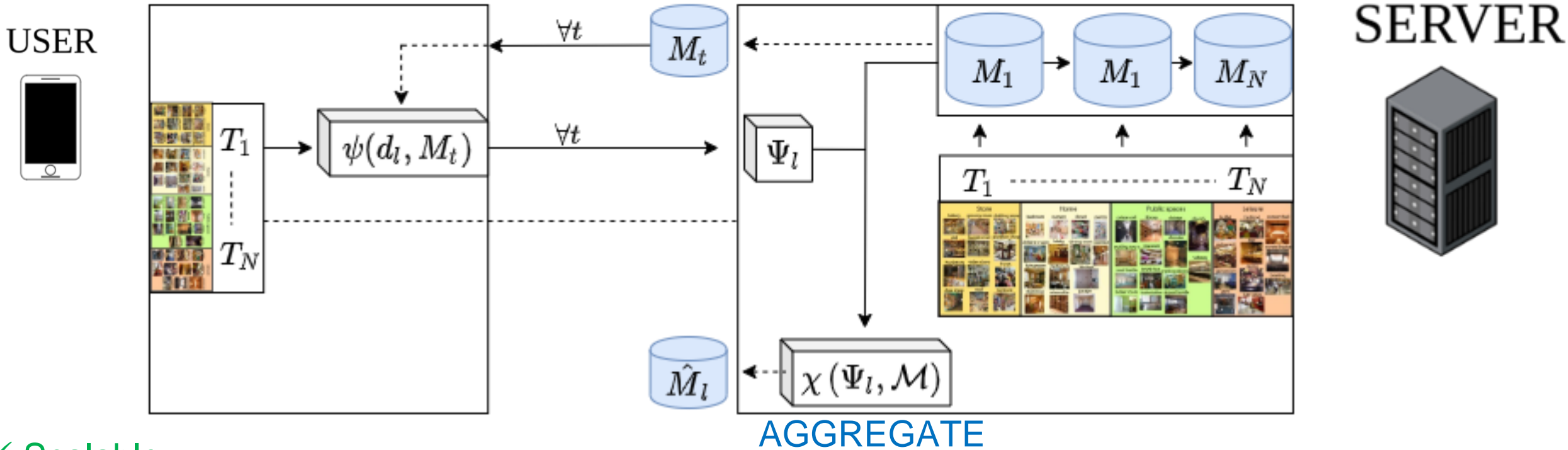
(1) Serverside Adaptation



- ✓ Scalable
- ✓ Unsupervised
- ✓ Privacy



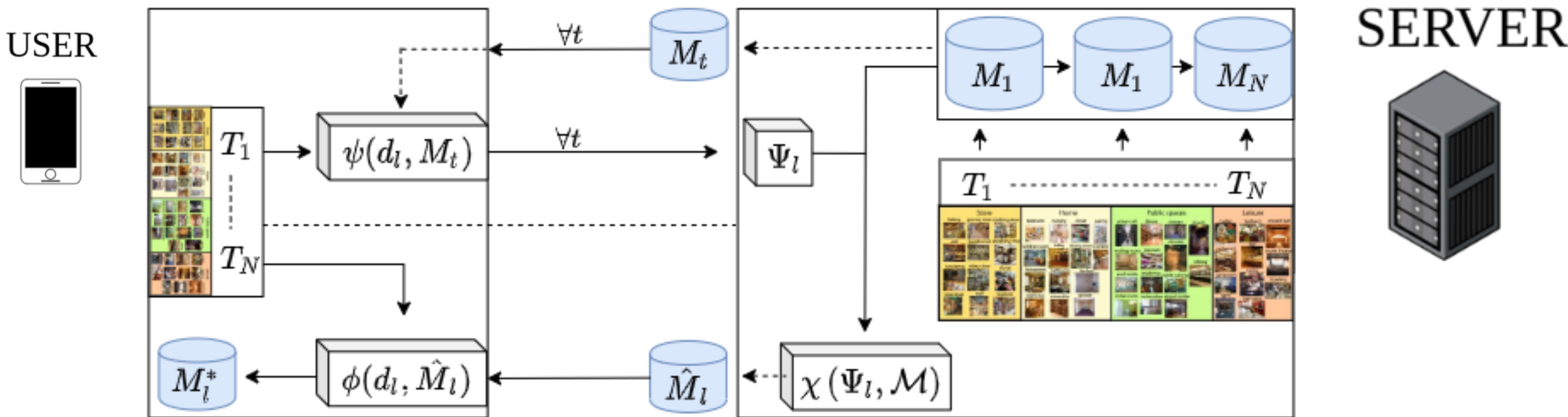
(1) Serverside Adaptation



- ✓ Scalable
- ✓ Unsupervised
- ✓ Privacy



(2) Local Adaptation



LOCAL ADAPTATION

- ✓ Scalable
- ✓ Unsupervised
- ✓ Privacy
- ✓ 2 x Adaptation





Code

<https://github.com/mattdl/DUA>

Questions?

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