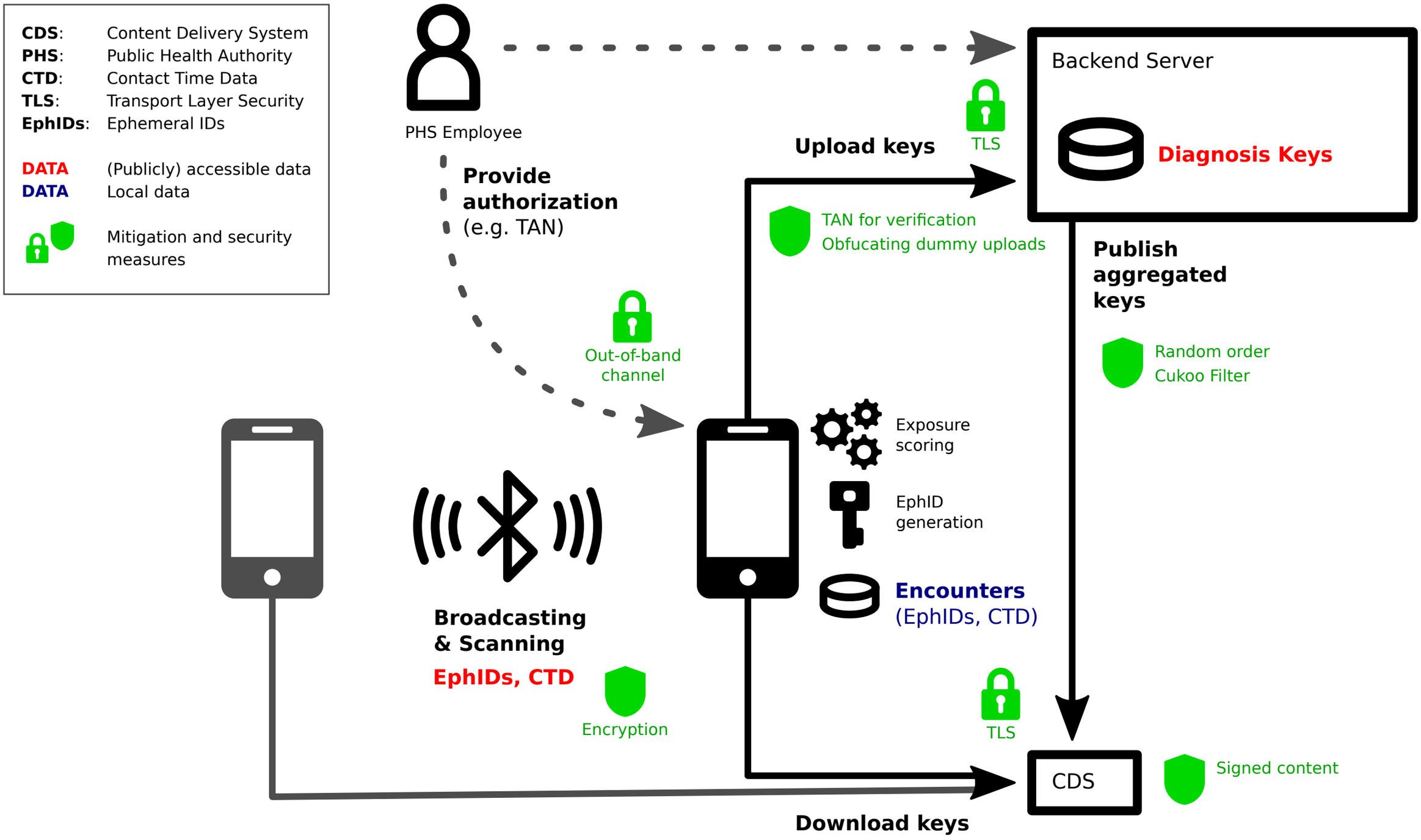
CDS: Content Delivery System
PHS: Public Health Authority
CTD: Contact Time Data
TLS: Transport Layer Security
EphIDs: Ephemeral IDs
DATA (Publicly) accessible data
DATA Local data
Mitigation and security measures
PHS Employee
Provide authorization (e.g. TAN)
Out-of-band channel
Backend Server
Diagnosis Keys
TLS
Upload keys
TAN for verification
Obfucating dummy uploads
Publish aggregated keys
Random order
Cukoo Filter
Exposure scoring
EphID generation
Encounters (EphIDs, CTD)
Broadcasting & Scanning
EphIDs, CTD
Encryption
TLS
CDS
Signed content
Download keys