



## SECURE Qlik Sense data

### API CONTROL

Need to apply privacy controls to your Qlik Sense solution?

### LOW IMPACT + LOW COST

No time or bandwidth to upgrade your Qlik configuration?

Changing Qlik is *not an option*?

### COMPLIANCE & MONITORING

Need to meet new privacy regulations and fast approaching compliance *deadlines*?

## THE MAMORI SOLUTION

### Mamori Qlik Sense Proxy – on-the-wire data privacy controls

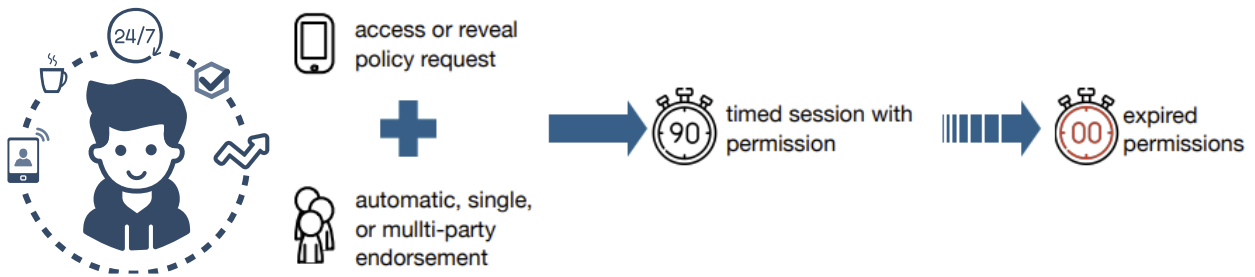
With the mamori application inline proxy you can secure your Qlik Sense installations by applying privacy safeguards to Qlik data on-the-wire - without having to change Qlik itself:

- Configurable masking and hashing of dimensions and measures
- Small footprint

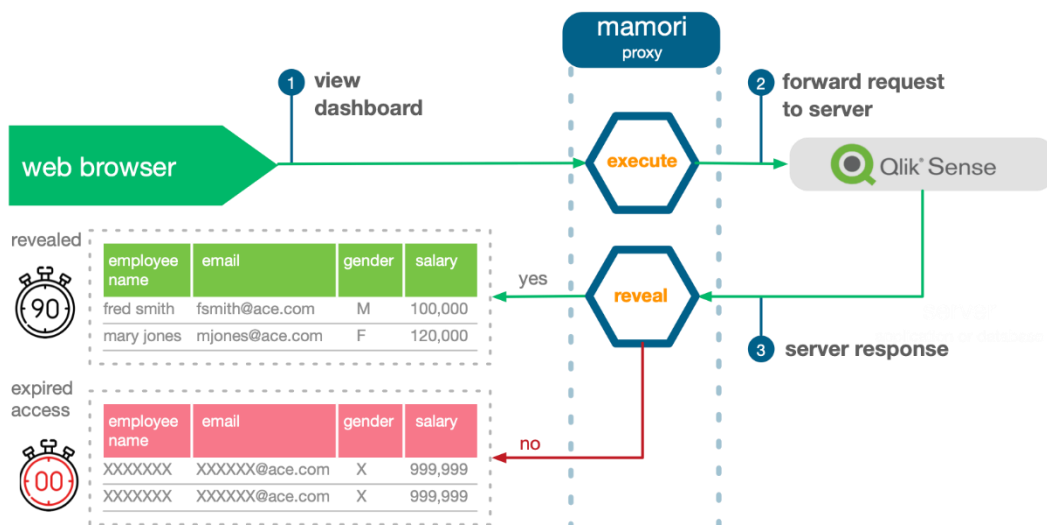
When combined with a mamori server:

- Apply user and role-based safeguards
- Use mamori reveal, approval and endorsement workflows

### User requests access to your Qlik cube



### Once access is granted, the mamori proxy reveals dimensions and measures



### Key Benefits

No change to your Qlik server or client operations. Integrates with your existing load balancers and web servers.

Targeted obfuscation of dimensions and measures. Rich library of masking functions

Elevated access and reveal policy workflow

Comprehensive tracking and monitoring dashboards



## Qlik privacy control configuration in mamori

**QLIK SENSE FILTER**  
Manage your Qlik Sense data privacy controls

API Name	Remote system	Cube Title	Active
qlik_customers	qlik	Customer Detail	<span style="color: green;">⚡</span>

**Transformations**  
Apply masking to your data using transforms.

Role	Priority	Columns	Transform Function	Function arguments
default	1	Customer Name	MASK HASH	MD5
default	1	Customer Gender	MASK FULL	
default	1	Sales Revenue (Current Year)	MASK FULL	9 \$,
qlik_manager	1	*	REVEAL	

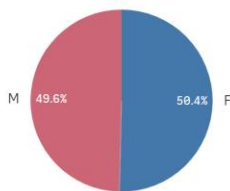


## Qlik privacy controls in action

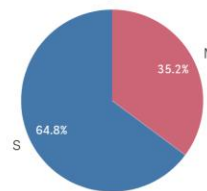
### Customer Segmentation

Customer Age Group    Customer Country    Customer Gender    Customer Tier    Customer Educat

#### Gender

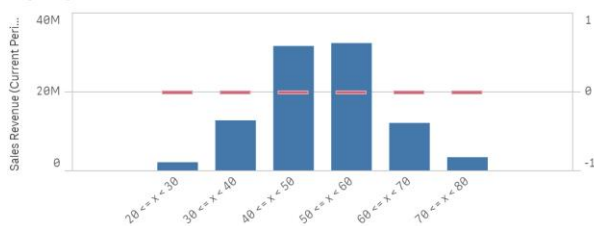


#### Marital Status

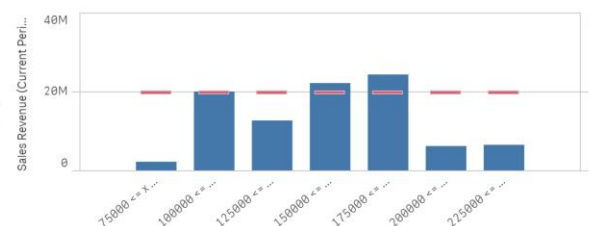


#### Homeowner

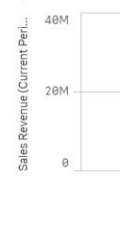
#### Target Age



#### Income



#### By Tier



Customer Name	Customer Country	Customer Gender	Customer Tier	Sales Revenue (Current Year)	Sales Units
<b>Totals</b>				<b>\$1,010,174,288</b>	<b>9,645,512</b>
641466549940321231316426622...	United States	X	Platinum	\$9,999,999	1,530
260774843567110451876147380...	Australia	X	PlatinumElite	\$9,999,999	1,314
116039339134936478492060917...	United States	X	Gold	\$9,999,999	1,192
21436905250028987032663111234	United States	X	Bronze	\$9,999,999	955