

UI log

Event	Timestamp	...
—	—	—
—	—	—
—	—	—
—	—	—
—	—	—



1. Noise  
filtering



Event	Timestamp	...
—	—	—
—	—	—
—	—	—
—	—	—
—	—	—

Filtered UI log

2. Case  
identification



CID	Event	Timestamp	...
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—

Filtered & labeled  
UI log

3. Granularity  
adjustment



CID	New Event	Timestamp	...
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—

Filtered & labeled &  
abstracted UI log

4. Process  
discovery



Process model

