Metrici Thermal Analyzer web interface – Datasheet

Features	
Architecture	web based with relational database behind
Access to data	password authentication, discrete user rights, detailed logs
Number of simultaneous connected users	unlimited
User restriction	yes (granulary, each user can have access to the whole interface, a subset of the menus or only one section)
Features of the web user interface	Thermal events, Hot objects, Hot objects flow, Live view, Reports and Alarms
Filters and search	yes (the events can be filtered by date, time, location, camera, group, and type of the object)
Number of stored thermal events	unlimited, constrained by the size of the available storage
Live view	realtime 1 fps images from all connected cameras
Alarms	yes (can be defined to signal when more than X hot objects are counted into a certain detection zone, or when an object has reached a certain temperature, instant or for a long time)
Reports	Hot objects each hour, hot objects each day, hot objects each month; can be filtered by location, camera, object type and group
Time tables	yes, unlimited numbers
Data export	XLS, CSV and PDF formats
Retention period	90 days by default, can be changed
Backup and Restore	selectable, for general settings or for the entire database
API	GET method over HTTP, XML and JSON data source

System requirements	
OS	Linux CentOS 7 64 bits
CPU	Intel Xeon, AMD Ryzen, Threadripper or Epyc
System memory	minimum 4 GB/ server
Storage	less than 180 GB/ year for 1000 thermal events/ day, depending of the camera resolution and image compression