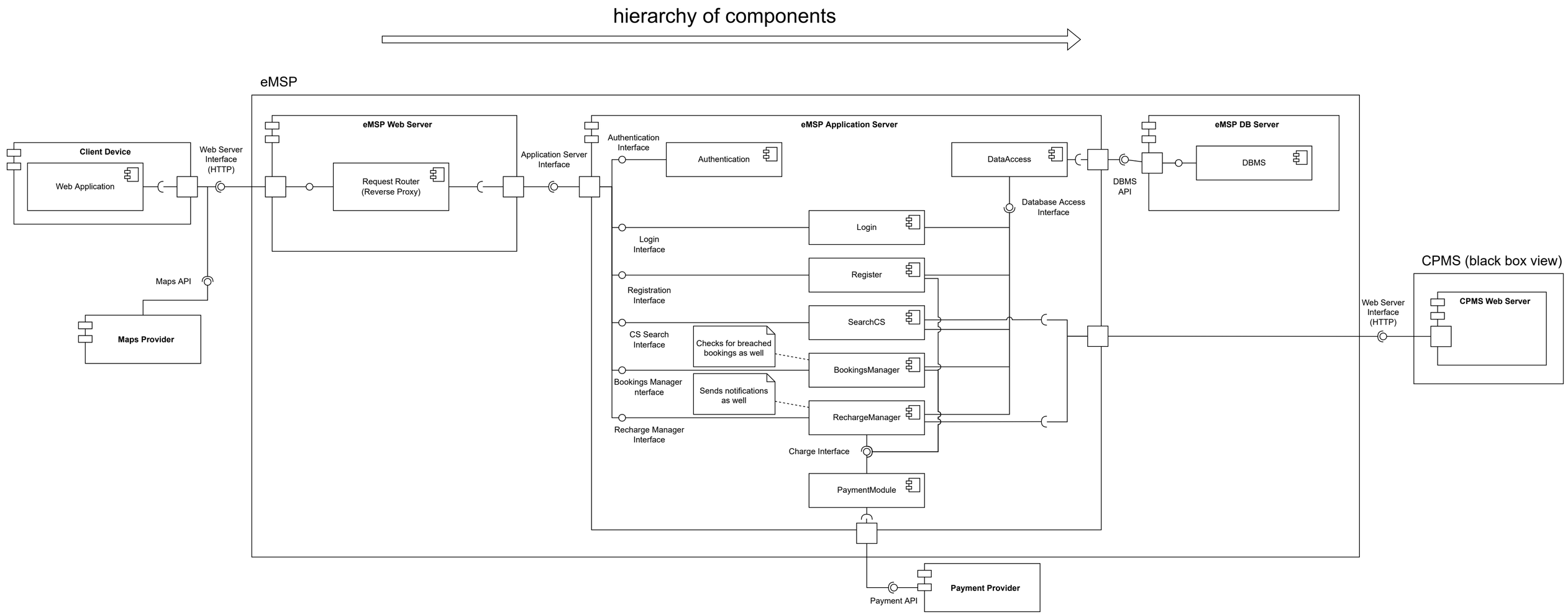
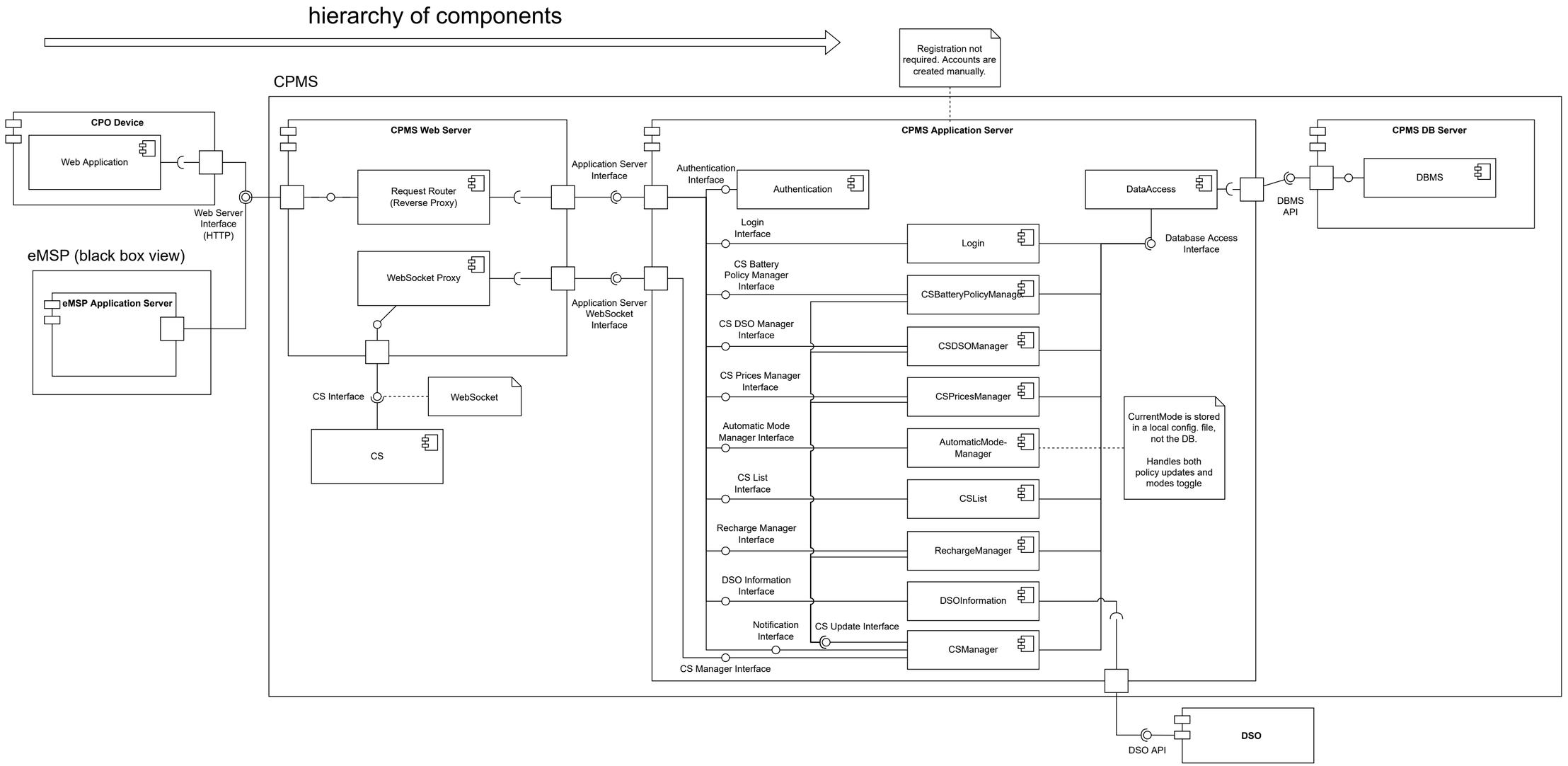
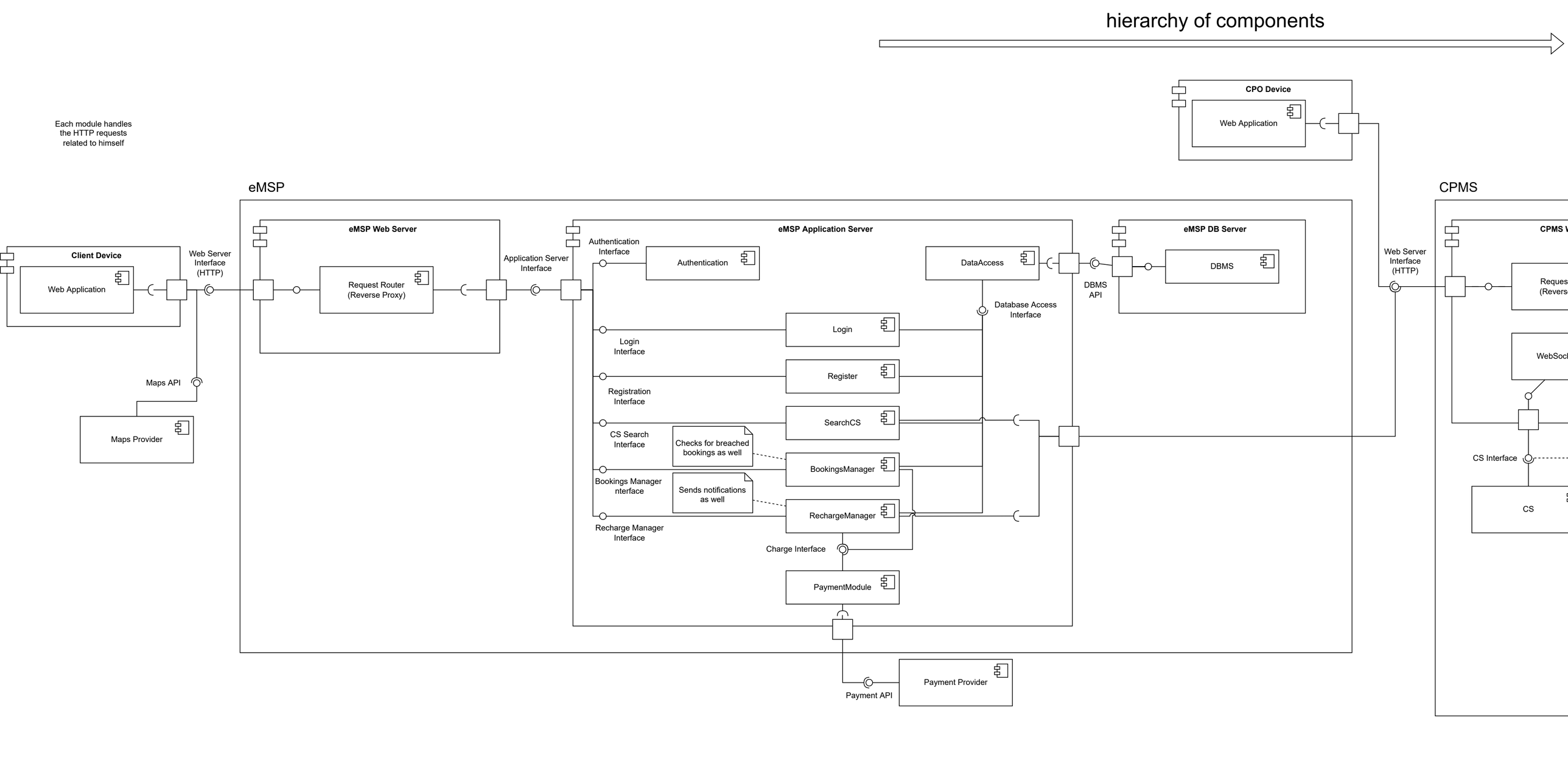
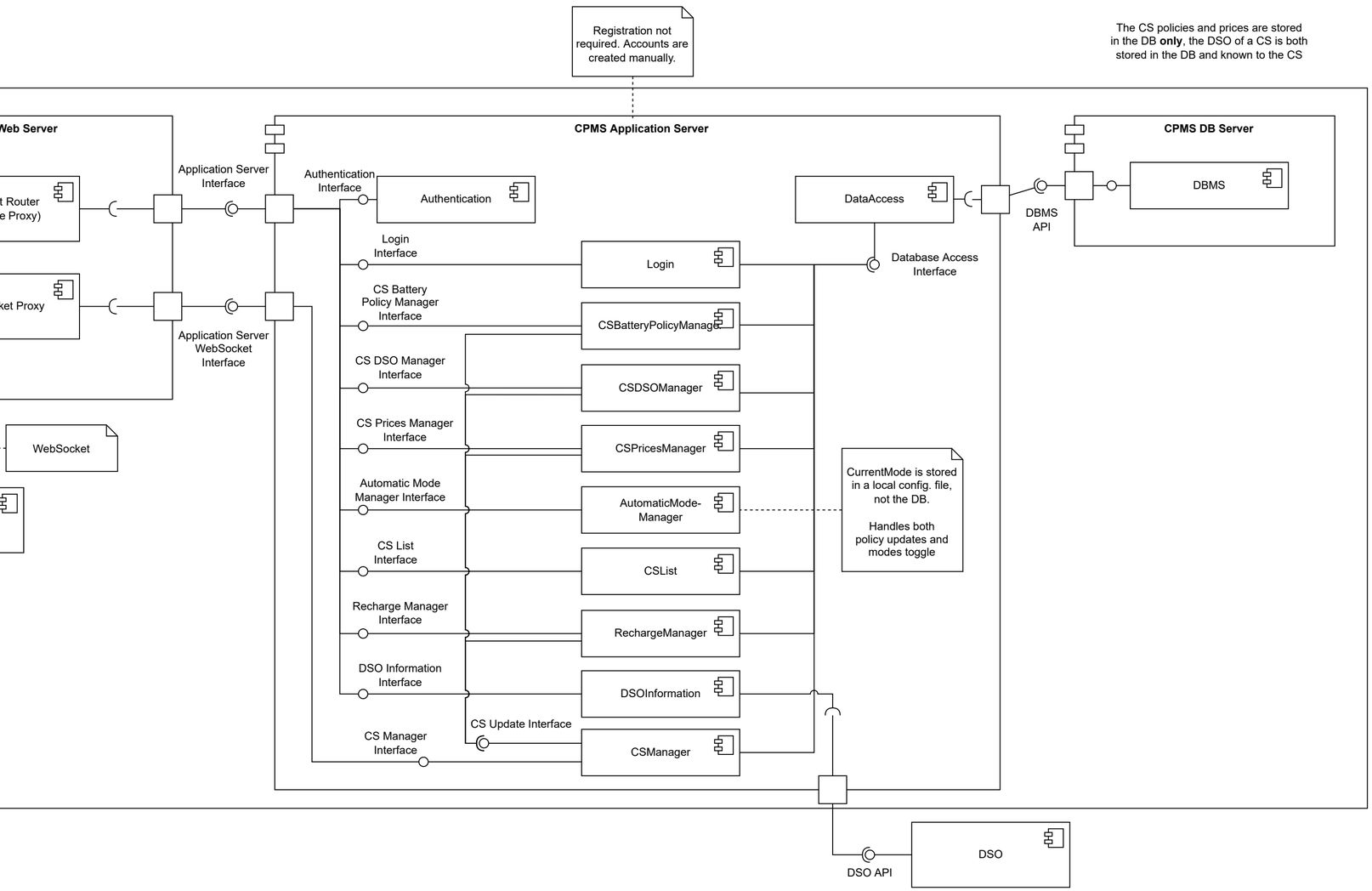

hierarchy of components
eMSP
Client Device
Web Application
Web Server Interface (HTTP)
Maps API
Maps Provider
eMSP Web Server
Request Router (Reverse Proxy)
Application Server Interface
eMSP Application Server
Authentication Interface
Authentication
Login
Login Interface
Register
Registration Interface
SearchCS
CS Search Interface
Checks for breached bookings as well
BookingsManager
Bookings Manager nterface
Sends notifications as well
RechargeManager
Recharge Manager Interface
Charge Interface
PaymentModule
Payment API
Payment Provider
DataAccess
Database Access Interface
eMSP DB Server
DBMS
DBMS API
CPMS (black box view)
Web Server Interface (HTTP)
CPMS Web Server


hierarchy of components
Registration not required. Accounts are created manually.
CPMS
CPO Device
Web Application
Web Server Interface (HTTP)
eMSP (black box view)
eMSP Application Server
CPMS Web Server
Request Router (Reverse Proxy)
WebSocket Proxy
CS Interface
WebSocket
CS
Application Server Interface
Application Server WebSocket Interface
CPMS Application Server
Authentication Interface
Authentication
Login Interface
Login
CS Battery Policy Manager Interface
CSBatteryPolicyManager
CS DSO Manager Interface
CSDSOManager
CS Prices Manager Interface
CSPricesManager
Automatic Mode Manager Interface
AutomaticMode-Manager
CS List Interface
CSList
Recharge Manager Interface
RechargeManager
DSO Information Interface
DSOInformation
Notification Interface
CS Update Interface
CSManager
CS Manager Interface
DataAccess
Database Access Interface
CurrentMode is stored in a local config. file, not the DB.
Handles both policy updates and modes toggle
CPMS DB Server
DBMS
DBMS API
DSO API
DSO


hierarchy of components
Each module handles the HTTP requests related to himself
CPO Device
Web Application
eMSP
CPMS
Client Device
Web Application
Web Server Interface (HTTP)
eMSP Web Server
Request Router (Reverse Proxy)
Application Server Interface
eMSP Application Server
Authentication Interface
Authentication
DataAccess
eMSP DB Server
DBMS
DBMS API
Database Access Interface
Login
Login Interface
Register
Registration Interface
SearchCS
CS Search Interface
Checks for breached bookings as well
BookingsManager
Bookings Manager nterface
Sends notifications as well
RechargeManager
Recharge Manager Interface
Charge Interface
PaymentModule
Payment API
Payment Provider
Maps API
Maps Provider
Web Server Interface (HTTP)
CS Interface
CS


Registration not required. Accounts are created manually.
The CS policies and prices are stored in the DB **only**, the DSO of a CS is both stored in the DB and known to the CS
Web Server
t Router
e Proxy)
ket Proxy
WebSocket
Application Server Interface
Application Server WebSocket Interface
CPMS Application Server
Authentication Interface
Authentication
Login Interface
Login
CS Battery Policy Manager Interface
CSBatteryPolicyManager
CS DSO Manager Interface
CSDSOManager
CS Prices Manager Interface
CSPricesManager
Automatic Mode Manager Interface
AutomaticMode-Manager
CS List Interface
CSList
Recharge Manager Interface
RechargeManager
DSO Information Interface
DSOInformation
CS Update Interface
CS Manager Interface
CSManager
DataAccess
Database Access Interface
CurrentMode is stored in a local config. file, not the DB.
Handles both policy updates and modes toggle
DBMS API
CPMS DB Server
DBMS
DSO API
DSO