

D2000 SES

D2000 SES (Script Execution Server) process

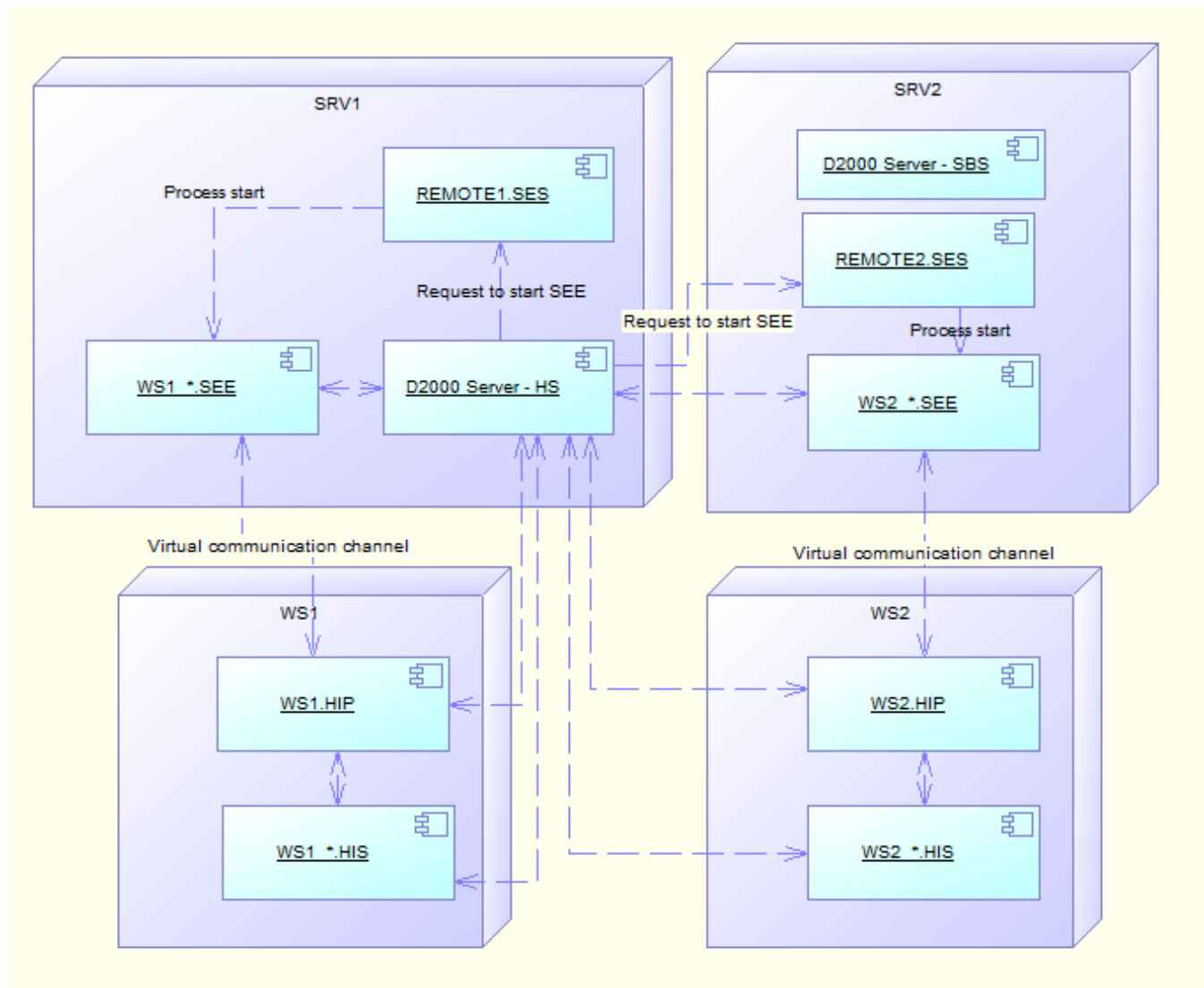
D2000 SES process ensures the start of virtual **SEE** processes. The functionality of SES server is implemented in the process *event.exe*. **D2000 SES** may service both the remote ESL scripts and the local parts of ESL scripts for TCL. The handling of script types is defined by a start parameter.

--SES_REMOTE
--SES_LOCAL

Example of starting SES server:

```
event.exe /Sserver_name --SES_REMOTE
```

The startup of virtual SEE processes is conditioned upon the request from HIP process. A typical configuration is shown on the following diagram.



Process	Meaning
SRV1, SRV2	Application server
WS1, WS2	Work station of a client
D2000 Server	Server process of D2000 System
REMOTE1.SES, REMOTE2.SES	Server that services the virtual SEE processes
SRV1.RRS, SRV2.RRS	Resident Remote Services

WS1.HIP, WS2.HIP	D2000 HI processes – user console
WS1_*.HIS, WS2_*.HIS	ESL Interpret on the Client side
WS1_*.SEE, WS2_*.SEE	ESL Interpret on the Server side – Script Execution Engine

The diagram shows the configuration of a redundant application. The servers SRV1 and SRV2 ensure this redundancy. SRV1 is **HS** (Hot Server) and SRV2 is **SBS**. The connection of *WS1.HIP* from the client work station and opening the picture, which contains both the local and remote ESL script, causes that D2000 Server HS ensures the startup of proper process *WS1_*.SEE*. This startup is done by SES process.

As, there are two running SES processes in the application, the process with the least running SEE processes will ask for the start.

This principle enables to use the computing power of both servers (SRV1 and SRV2). After starting, SES processes must connect to [D2000 Server](#), not to the redundant group (they must be started with parameter [/S](#), not [/RD](#) or [/RS](#)).



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