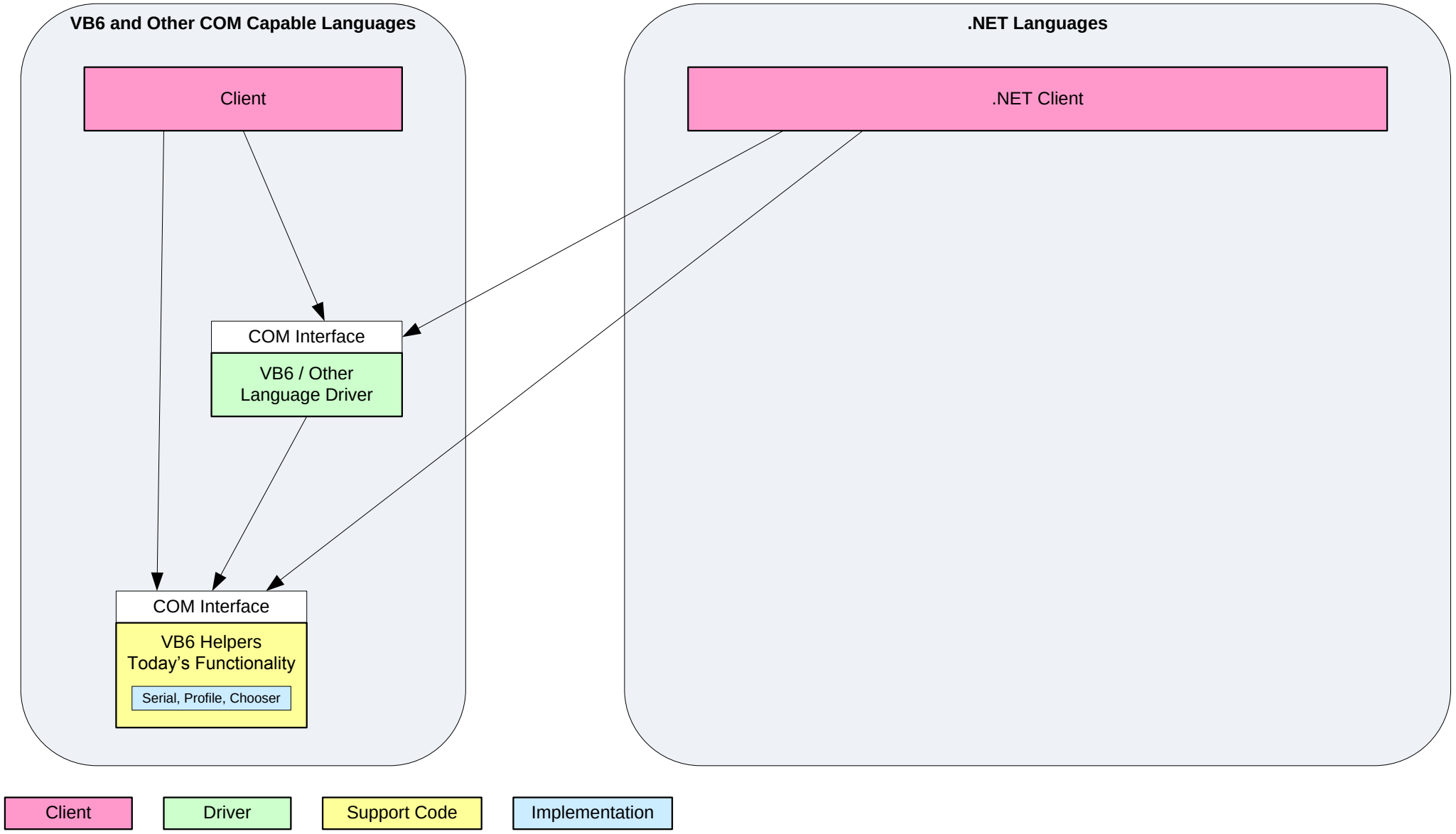
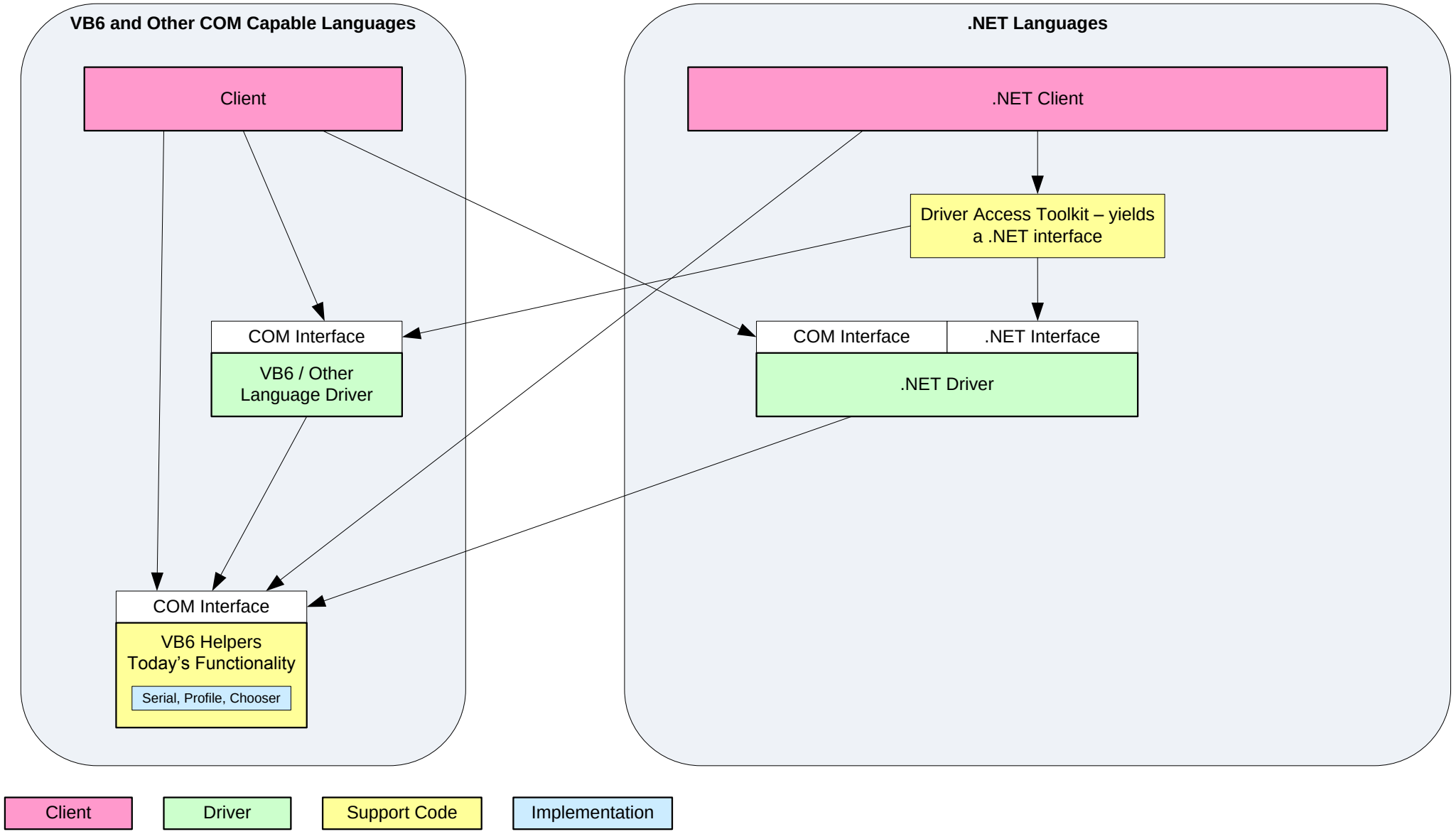
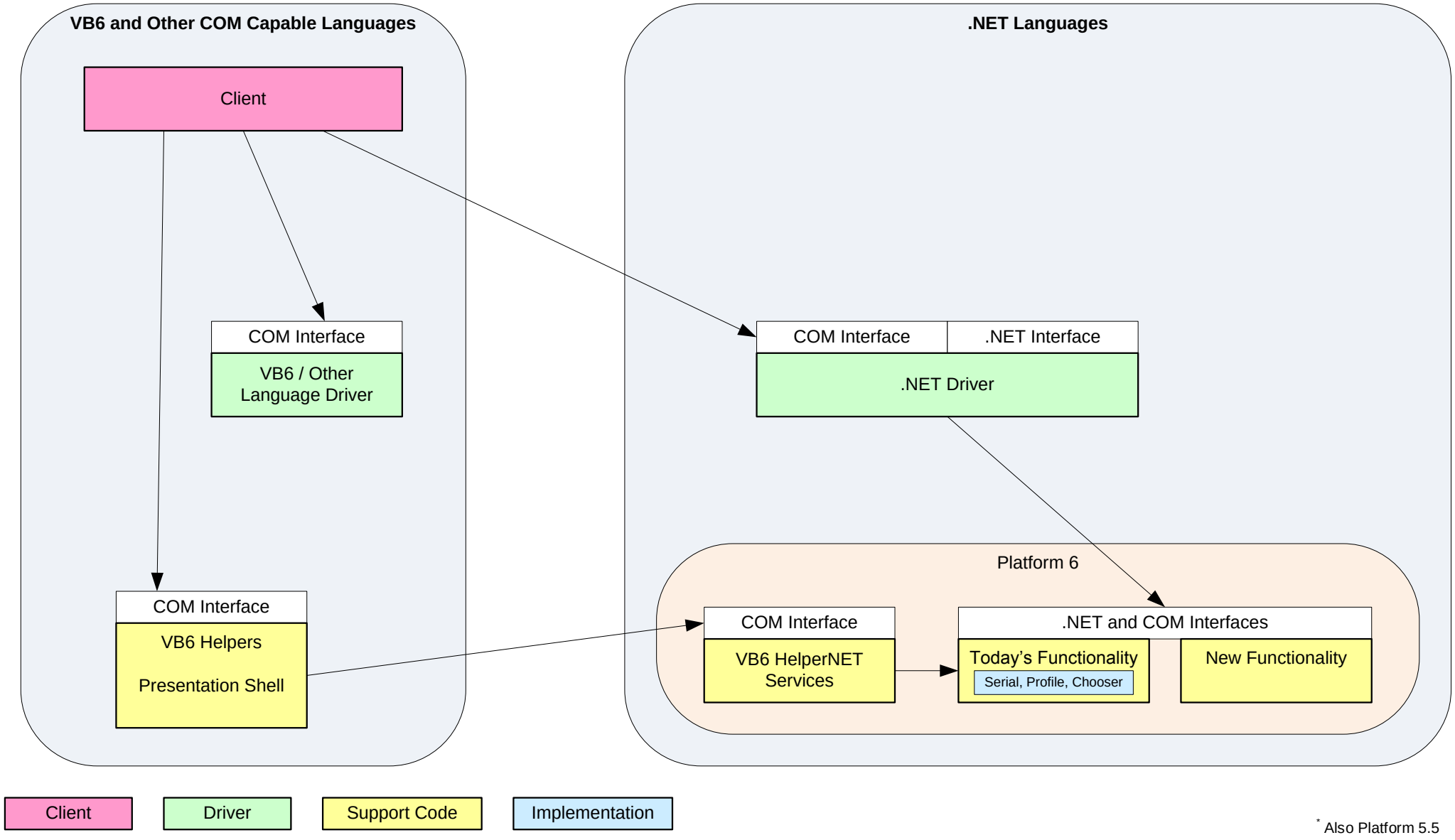
Platform 4


VB6 and Other COM Capable Languages
Client
COM Interface
VB6 / Other
Language Driver
COM Interface
VB6 Helpers
Today's Functionality
Serial, Profile, Chooser
.NET Languages
.NET Client
Client
Driver
Support Code
Implementation

Platform 5

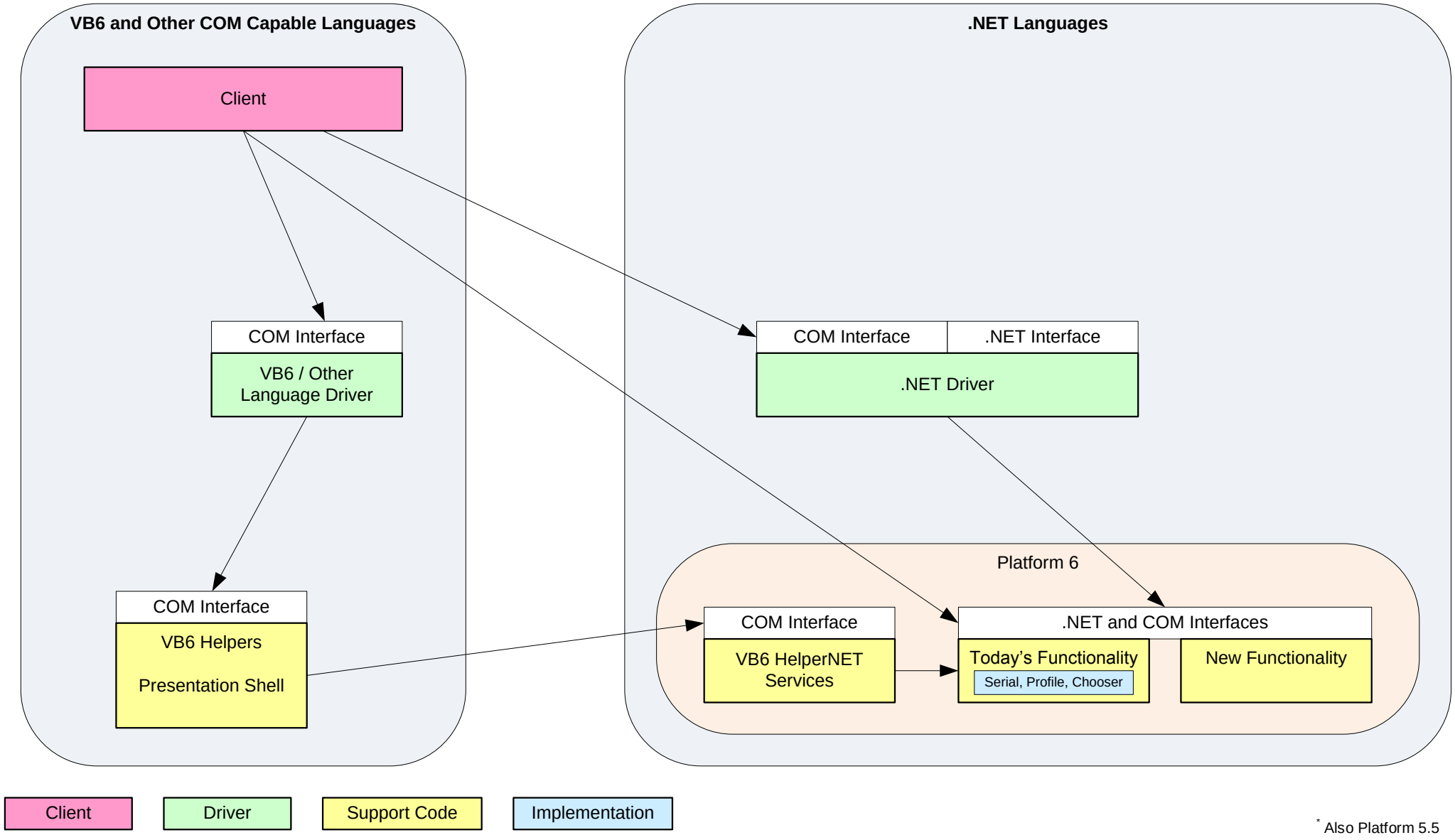

VB6 and Other COM Capable Languages
Client
COM Interface
VB6 / Other Language Driver
COM Interface
VB6 Helpers Today's Functionality
Serial, Profile, Chooser
.NET Languages
.NET Client
Driver Access Toolkit – yields a .NET interface
COM Interface
.NET Interface
.NET Driver
Client
Driver
Support Code
Implementation

Platform 6* - Original COM Clients



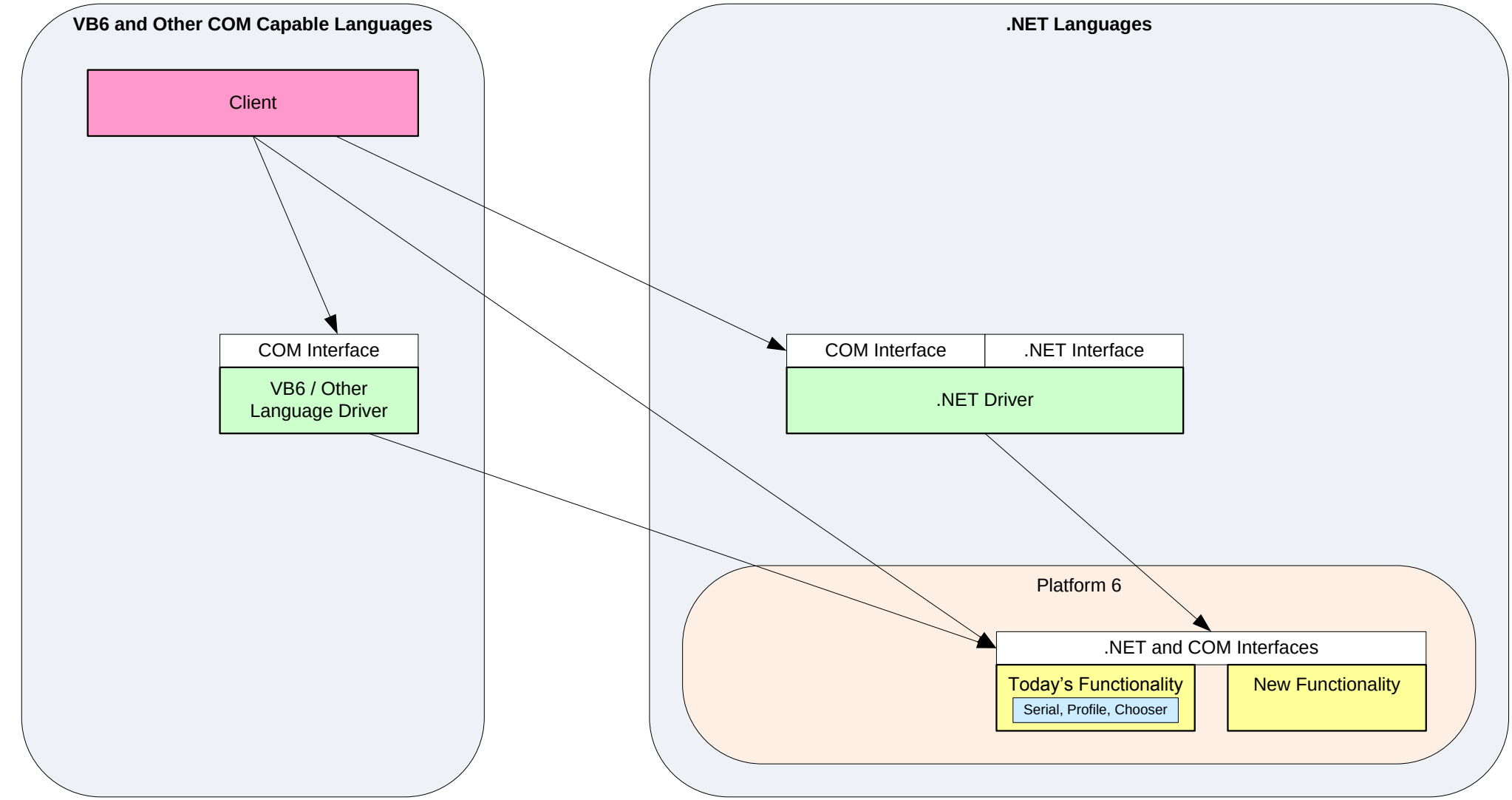
* Also Platform 5.5

Platform 6* - New COM Clients



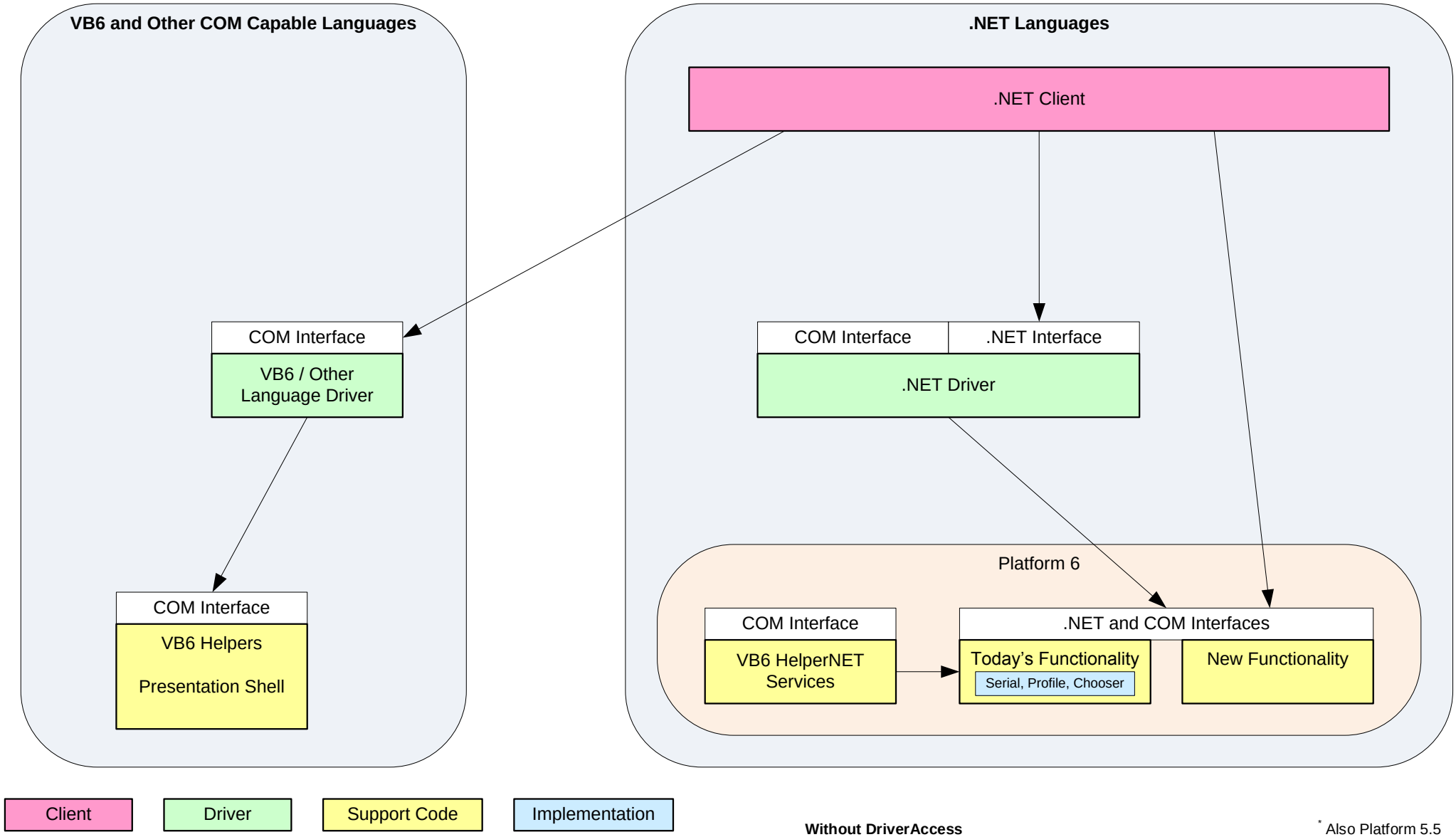
* Also Platform 5.5

Platform 6* - New COM Drivers



* Also Platform 5.5

Platform 6* - .NET Clients (Direct)

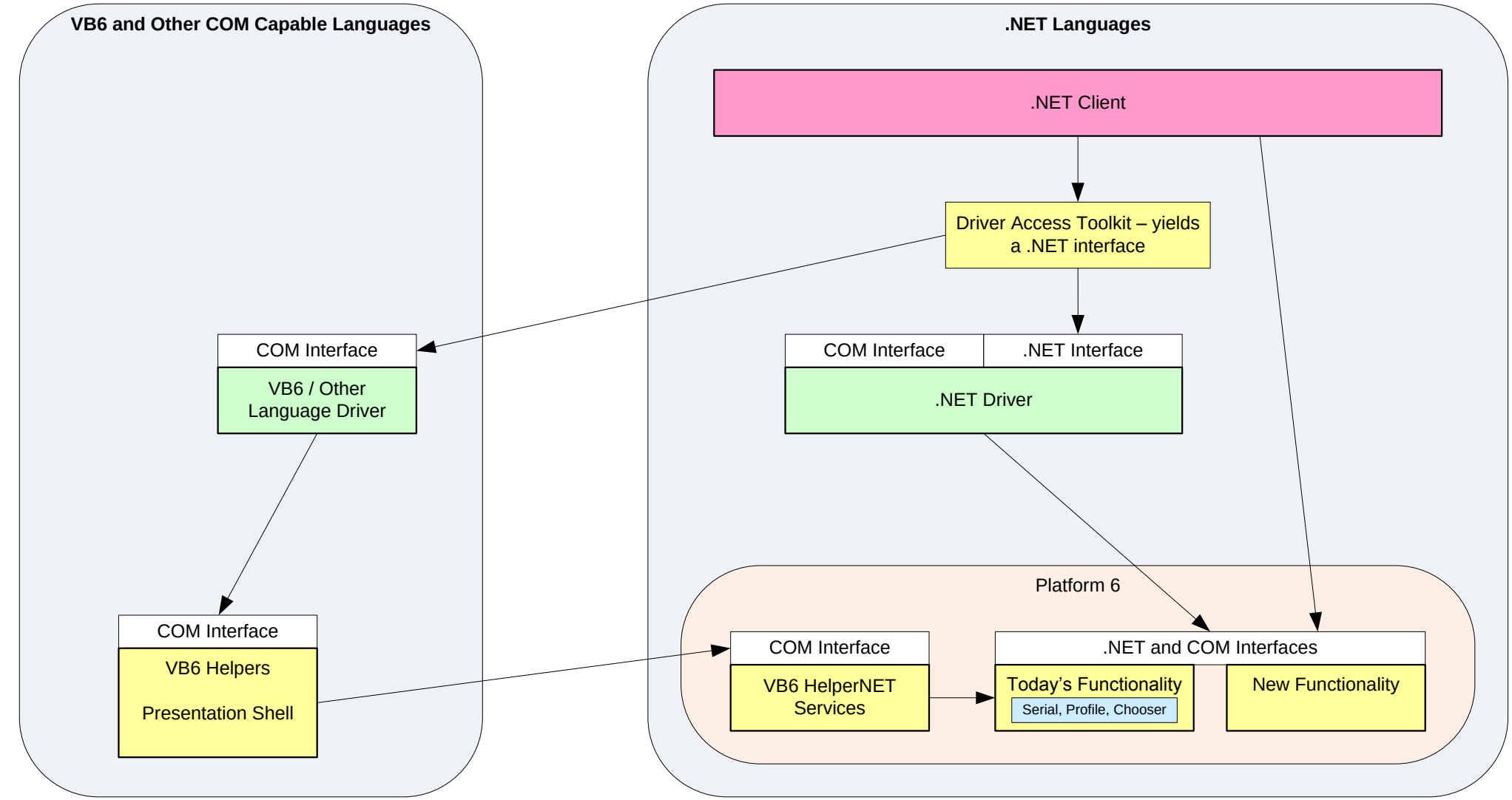


Without DriverAccess

- the .NET client sees devices as objects, i.e. not strongly typed to the device interface.
- Client has to deal with any issues arising from some drivers supporting early interfaces such as CameraV1 and some later interfaces such as CameraV2

* Also Platform 5.5

Platform 6* - .NET Clients (Using DriverAccess)



Client | Driver | Support Code | Implementation

With DriverAccess

- the .NET client sees devices as strongly typed to the device interface (Intellisense shows available methods).
- Client receives a consistent Platform 6 device interface with any missing device specific members from earlier interfaces throwing NotImplemented exceptions.

* Also Platform 5.5