

TCF SCREEN ADAPTERS BY



The TCF Screen Adapters provide access to terminal-based applications' "screen-flows" to enable component-based services and advantages including performance and scalability without the disadvantages of traditional screen scraping deployments. A single occurrence of the screen component adapter can service many clients.

TCF Screen Adapter consists of:

- A Client Adapter e.g. COM
- A server-side Screen Adapter, e.g. an application using VT100 terminal emulation
- The Transoft TCF Adapter middleware

Some examples of TCF Screen Adapters:

- *COM to VT100 TCF Screen Adapter*  
- to develop a Visual Basic or Microsoft Active Server Pages (ASP)-based Web application connecting to the screen flows of a UNIX application using VT100 terminal emulation
- *Java to 5250 TCF Screen Adapter*  
- to develop Java client-based application connecting to the screen-flows of an IBM iSeries (AS/400) application using 5250 terminal emulation
- *XML to 3270 TCF Screen Adapter*  
- to develop an XML-based application connecting to the screen-flows of an IBM zSeries (S/390) application using 3270 terminal emulation

All TCF Client Adapters - COM, Java, C, EJB Websphere, CORBA and XML are able to connect to any application's character-based screen-flows that are normally accessed via the following terminal emulations:

- VT100 for most Unix, DEC applications
- 5250 for IBM iSeries (AS/400) applications
- 3270 for IBM zSeries (S/390) applications

Key features:

- Provide a means to encapsulate an applications existing screen flows as services within components
- services are non-intrusive to legacy applications and very fast using Transoft Integrated Development Environment
- Services are re-usable within new client applications and by all TCF Client Adapters
- high performance and scalability

