



... *putting IT in Perspective.*

Project Name	Transaction Integration
Description	Integration of Transact Ecommerce product with other Systems
Customer	Open Market MA (now defunct)
Size	4 to 12 man-months
Technology	Solaris, C, Oracle

Open Market was a pioneer in e-commerce having patented web-shopping-cart, fast-CGI and credit-card-payment-on-the-web. Its product Transact was a market leader in the mid and late 1990s. Transact used a custom port of Microsoft COM architecture to Sun Solaris, done by Open Market. Our relationship with Open Market started as a services provider and morphed into end-to-end projects. These projects involved integration of specific systems used by Open Market customers to Transact and sometimes building additional functionality.

Specific Projects Done

Corel Corp.	<p>Corel was a customer of Open Market using Transact to sell its own various software products on the web. Corel also used ZipLock product from Preview Systems for electronic software distribution functions including secure-one-time downloads, try-before-you-buy, re-download-of-interrupted-downloads, etc.</p> <p>The customer wanted to integrate the two products. We worked with Open Market to establish this link. The process involved mapping of the functionality of the 2 different products, building of abstract layers over the APIs of the 2 products, data mapping, errors handling, information de-duplication etc. Bulk of the coding was done using C/C++ language.</p>
Milacron	<p>Milacron is a Cincinnati OH based engineering goods and plastics company. Milacron was using a single-store version of Transact 2. We undertook fixed cost contract to upgrade the customer to a multi-store implementation and also upgrade the product to version 4.</p>
McGraw Hill	<p>Businessweek Online division of McGraw Hill used Transact as the system to sell digital goods (news articles etc.) on a pay-per-use model. They also used digital artifacts such as Digital Tickets, Digital Coupons etc. They had EDS providing the subscription operations and billing services as an outsourced operation out of Ireland.</p> <p>We were asked to integrate Transact with EDS's Subscription System. The issues handled included:</p> <ul style="list-style-type: none">a) Application Events Mappingb) Application Data Mapping and De-duplicationc) Mapping of EDS Cobol Data Structures to Transact Objects



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	<p>d) Handling of Security Issues such as IP Spoofing, Self-Signed Certificates, Authentication etc.</p> <p>e) Mapping of Multi-Server Workflows with inter-meshed flows</p> <p>Bulk of the coding was done using Sun C++ compiler on a Solaris Box.</p>
Millipore	<p>Millipore is an MA based company in the bio-sciences sphere making machinery, tools and technologies for drug companies. Millipore was using Transact for its e-commerce activities. We undertook development of 3 small bridge software systems which enabled interfacing of Transact with other systems used by Millipore.</p>