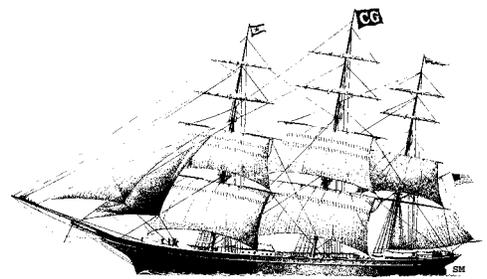


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## Re-Setting the Enterprise Crown Jewels — TMGi Modernizes Legacy Applications

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The IT applications that underlie our business processes have become the basic building blocks of our enterprise. We build partnerships by building digital as well as human connections – and while the human connections get things started, it is those digital connections that drive the productivity benefits, for all concerned. We need our IT infrastructures to be as flexible as our human assets. But, at the same time, we are wedded to what we have. This is particularly the case with the many data-centric enterprises that have decades-old applications that are its crown jewels. These applications have been evolved and amended over the years, but as the old programmers familiar with the application heritage have retired, the continuous, increasingly rapid, and widespread evolution looks perilous. The old test and development funds are not there, and gaps or inconsistencies in the documentation introduce more sources of worry. Yet, the business is too well developed and deeply dependent on the business processes embedded in these programs to simply move to products of a software vendor with on-line support.

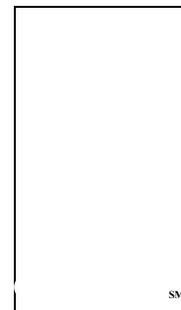
The need to evolve the environment may be precipitated by a merger, or by a wrong guess about industry direction. Or, your enterprise may just want to keep the control of its fate out of the hands of software and hardware vendors who have, when it comes down to it, their own best interests at heart. In all cases, the challenge of *On Demand* and *Service Oriented Architectures* is a competitive wake-up call that your enterprise cannot ignore. It is time to characterize your IT environment in enough breadth and detail to evolve or migrate these jewels as is appropriate to take advantage of what technology can do for your enterprise.

This is not something that can be done by dabblers, nor should it be reverse-engineered over time. This is a job for highly-focused pros with access to all the expertise, no matter how arcane the application environment turns out to be down at the code level. Trinity Millennium Group, Inc. (TMGi) of San Antonio, Texas, is one of a handful of companies who compete in the seldom-noticed but increasingly important space of application documentation and modernization. TMGi's interactive software analysis tool (iSAT) can handle a hundred languages and database schemas, and can characterize the undocumented *shadow code* that infests most legacy applications that have been "improved" many times. The company is used by top service providers, and has had hundreds of successful engagements in the last three years. TMGi sees 2004 as an opportunity to do more work directly with enterprise customers.

TMGi's *Legacy Modernization Process* consists of multiple steps: characterization, knowledge mining, complete documentation, and automatic flow chart generation. Then, all potential business rules can be harvested and all the information delivered as a UML-formatted dynamic repository. Once the legacy application is comprehensively modeled, it is straightforward to analyze requirements and gaps and transform the system. This will take four to six weeks. TMGi's tools can also be licensed by those for whom licensing is a better choice.

The setting of those old-code crown jewels in a modeling framework captures the *how* and *why* of the application while freeing it from specific (and perhaps outmoded) expectations. This is critical to making the application, not just modernized, but able to be evolved in the future.

Whether you are an optimist anticipating growth or a pessimist still dealing with retrenchment, 2004 is not the year to have an uneasy relationship with your core applications. TMGi gives you a way to get a handle on your application portfolio in a way that leaves you firmly in control. Check it out!



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**Anne MacFarland is Director of Enterprise Architectures and Infrastructure Solutions for The Clipper Group.** Ms. MacFarland specializes in strategic business solutions offered by enterprise systems, software, and storage vendors, in trends in enterprise systems and networks, and in explaining these trends and the underlying technologies in simple business terms. She joined The Clipper Group after a long career in library systems, business archives, consulting, research, and freelance writing. Ms. MacFarland earned a Bachelor of Arts degree from Cornell University, where she was a College Scholar, and a Masters of Library Science from Southern Connecticut State University.

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