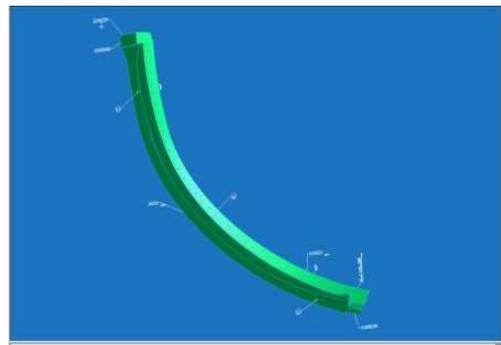
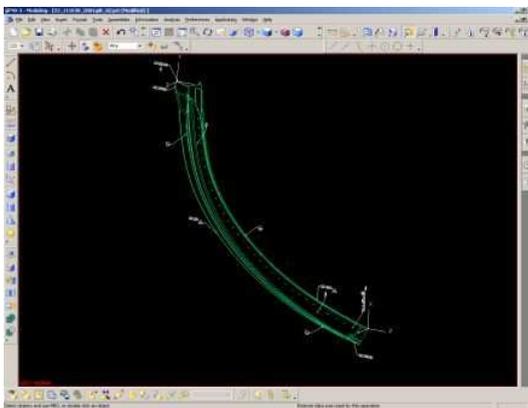


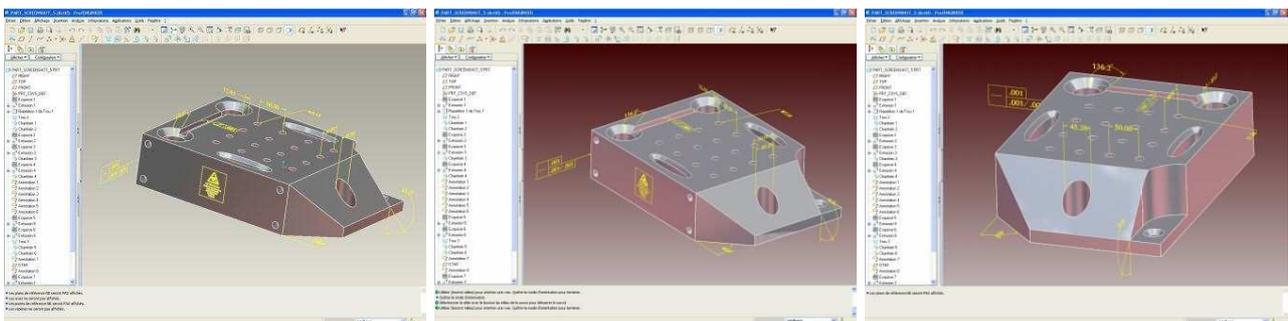
## PMI option for NX 5 and a new capability for reading Pro-E annotations

Following the announcement of its new capability for reading data from the Catia V5 FTA module, Datakit - Santa Barbara, California, USA and Lyon, France - July 9<sup>th</sup> 2007 - a Cad Data Exchange Leading Company, strengthens its leadership in the field with the launch of a PMI option for NX 5 and a new capability for reading Pro-E annotations.

In addition to the NX 5 GDT menu, used essentially for generating texts and symbols, a PMI menu contains all the functionalities for creating tolerancing and dimensioning data in NX 5 Modeling. The most popular tools are the dimensions, datum feature symbols, datum targets, feature control frames, annotations and geometric tolerancing. Datakit's solution recovers these entities encapsulated in the 3D model and supports layers, colours and visibility options.



Samad Elboustini, engineering manager at Datakit, stressed the effort that had been required to develop a comprehensive and reliable solution. "Our knowledge of the CATIA V5 FTA module helped us work faster, but to make sure end-users can work from NX 5's PMI we had to not only identify the available functionalities, but also become skilled in the different ways of using them. In NX 5, depending on how a user works, this data can be defined as PMI, FDT or GDT, coexist quite happily in the construction tree, and change name depending on the path chosen. However, when you are just viewing this data, there is no way of knowing whether it is PMI, FDT or GDT. This was one of the main difficulties we encountered. What's more, users are free to use simple or complex data, multiplying the number of frames, symbols, texts, etc.; this doesn't make our job any easier."



Datakit is also now offering a solution to users seeking a way to recover annotations from Pro-E. While the freedom of construction users enjoy with Pro/E is one of the leading arguments used by advocates of the software, this asset soon becomes a headache when it comes to recovering converted data. Any entity may be parametric. Users who want to customise their annotations can

quite easily add symbols to existing elements. These will then have to be identified and recovered during the data exchange process. Through in-depth analysis Datakit has been able to unravel 99% of these issues, and can now read the notes (with or without arrows or on geometric entities), symbols, surface conditions and geometric tolerancing data, driven dimensions and reference dimensions.

Francis Cadin, PDG of Datakit sums up: "There are still other facets of PMI waiting to be explored. By collaborating with vendors from different fields we have been able to push back the limits and consolidate our leadership. We are generating interest among many vendors, and that is very encouraging."