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## XML & XMS

### XML: Power When Deployed by the Right XML Tools

From inception Xpiori products were designed to manage content in XML – eXtensible Markup Language. XML is a dynamic and flexible way to express information. In XMS, context and data are always stored together.. The XML hierarchy is never “shredded” for storage in rows (data), columns (context) or tables – that’s what our competitors do.

XML enables the easy interchange of information across the Internet, eliminating barriers imposed by proprietary data management systems. Not dependent on rows and columns, Xpiori stores and manages information as XML, accesses information with Xquery, enabling more flexible and dynamic xml applications. Add fields and xml attributes at will, without any database programming required.

Does all of this mean that End-Users must understand XML in order to use our products? No; our applications automatically store XML, without any user effort and without shredding. Avoid the xml to sql and sql to xml gymnastics. Using native XML structure enables easy storage and flexible approaches to applications not available in other data storage formats. Using XML and XMS means no database design required....NONE!

Most of the XML database management products available in today’s market really involve an integration layer that enables management of relational databases and XML. These products store the tags of XML in tables and relate the XML tag structure to the XML datum accordingly. These “native” XML database products are “native” in name only, as many vendors have actually adapted old relational and object database technology to the XML market space. While the new products work on a few basic levels, Xpiori XMS produces much higher performance with superior results. There is no issue of how to use XML or to modify it to fit into your database schema. XMS is schema agnostic.

#### XML and XMS

XMS is a simpler approach. XMS relies on the hierarchical and tagging structure of XML to facilitate the process. Its processes reflect the tags or context that are part of XML (the datum and its hierarchy), and XMS separately enables the dynamic management of each. That’s right, the management of metadata dynamically as well. You need not create new columns. Using XML, XMS provides a real solution for unified information management.

XMS was designed to effectively manage any kind of XML. It supports enhanced management of unstructured data and improves productivity. It requires no database design whatsoever and continues to offer the kind of fine-grained access to information familiar to database users as well as the ability to manage unstructured information familiar to document management system users.

Xpiori's customers purchase XMS because it enables them to use information in ways that are new, and accommodate applications that were previously thought to be unachievable. From its inception, Xpiori recognized that XML would become a leading data standard and therefore had a vision to develop -- from the ground up -- new technologies in the area of information management. It has created the most modern native XML tool set in the industry for organizing, accessing, manipulating, analyzing and presenting data. XML's fit with legacy technologies such as RDBMS will always be awkward. It is built on patented digital pattern processing technology (DPP) which avoids the awkwardness. It is fundamentally different in character and is a best of breed solution.

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