

SIMATIC IT Historian 7.2			Opcenter Intelligence Model Entities		SIMATIC IT Historian Model Entities	
DB Name	Entity	Attribute	Entity	Attribute - Tables	SIT HST Entity	Mapping info
			Tag		Tag	
----	----	smallint		TagSiteId		
PPA	TAG	TagName		TagKey		
PPA	TAG	TagName		Name		Tag name
PPA	TAG	TagDescription		Description		Tag description
PPA	TAG	case when TagType in ('I','F','D') then 'Numeric' else 'String'		TagTypeId		TagType
PPA	VISUALIZATION_INFO	EngUnit		UomId		Engineering unit id
			TagClass		Tag Class	
----	----	smallint		TagClassSiteId		
PPA	CLASS	ClassID		TagClassKey		
PPA	CLASS	Name		Name		Class name
PPA	CLASS	[Description]		Description		Class description
			TagTagClass		Relationship between Tag and Tag Class	
----	----	smallint		TagTagClassSiteId		
PPA	TAG	TagName		TagTagClassKey		
----	----	smallint		TagId		
PPA	TAG	TagName				
----	----	smallint				
PPA	CLASS	ClassID		TagClassId		
			TagType		none	
----	----	"String" or "Numeric"		TagTypeKey		
----	----	"String" or "Numeric"		Name		
			TagValue		Tag Value	
----	----	smallint		TagValueSiteId		
PPA	TAG,[View_Read_FLOATArchive] OR TAG,[View_Read_REALTIMEFLOATArchive] OR TAG,[View_Read_INTArchive] OR TAG,[View_Read_REALTIMEINTArchive] OR TAG,[View_Read_DIGITArchive] OR TAG,[View_Read_REALTIMEDIGITArchive] OR TAG,[View_Read_STRINGArchive]	[TagName] + '_FloatArchive_' + ('1970-01-01'+[time]) OR [TagName] + '_RealtimeFloatArchive_' + ('1970-01-01'+[time]) OR [TagName] + '_IntArchive_' + ('1970-01-01'+[time]) OR [TagName] + '_RealtimeIntArchive_' + ('1970-01-01'+[time]) OR [TagName] + '_DigitArchive_' + ('1970-01-01'+[time]) OR [TagName] + '_RealtimeDigitArchive_' + ('1970-01-01'+[time]) OR [TagName] + '_StringArchive_' + ('1970-01-01'+[time])		TagValueKey		
----	----	smallint		TagId		
PPA	TAG	TagName				
PPA	[View_Read_FLOATArchive] OR [View_Read_REALTIMEFLOATArchive] OR [View_Read_INTArchive] OR [View_Read_REALTIMEINTArchive] OR [View_Read_DIGITArchive] OR [View_Read_REALTIMEDIGITArchive] OR [View_Read_STRINGArchive]	'1970-01-01'+[time]		EventDateTime		Tag value timestamp

PPA	[View_Read_FLOATArchive] OR [View_Read_REALTIMEFLOATArchive] OR [View_Read_INTArchive] OR [View_Read_REALTIMEINTArchive] OR [View_Read_DIGITArchive] OR [View_Read_REALTIMEDIGITArchive]	Value OR null		FloatValue		Value (in case of float, int, digit)
PPA	[View_Read_STRINGArchive]	Value OR null		StringValue		Value (in case of string)
			Uom		Engineering unit	
PPA	VISUALIZATION_INFO	EngUnit		UomKey		
PPA	VISUALIZATION_INFO	EngUnit		Name		
----	----	1		UomSystemId		
----	----	1		UomCategoryId		