

## Parco Software (US)

### Parco RTLS System Software (.NET 1 and 2; 32 and 64 bit OS)

#### Developer Tools

Manager	developer environment middle tier data manager
Parser	developer exe currently compatible w MSSSI, TDC, Exavera, Ekahau, PDC, and Sensoria
SDK DLL (.NET)	fully document developer's tool kit written in Microsoft .NET
Trigger Demo	map database, GDI+ interface, text display of datastream, triggers (user specified polygon), tag triggers (tag movable polygon, data stream connection (all types), circular data structure, heartbeats, history reporting of single and multiple trigger events, historical information (by tag)
2D Viewer	map database, favorite maps, last map, GDI+ interface, graphical user interface in GDI map, variable zoom settings, data stream connection, single tag tracking, advanced actions such as grab and measure
3D Viewer	DirectX 9 compatible viewer with a variety of GUI interfaces (requires updating to DirectX 9c or higher)
CF.NET SDK	Pocket PC sample tool that interacts directly with a database over wireless or wired network, includes most functionality from 2D Viewer (requires updating)
COM SDK	same functionality as SDK DLL
Simulator	simulate data from MSSSI and TDC location engines
Location Engine	uses TDC and Parco location algorithms to compute tag location

#### Web Services

Manager	production environment middle tier data manager
Parser	production environment middleware currently compatible w MSSSI, TDC and Exavera. Demonstration data only for IWT, Ekahau, PDC, and Sensoria
Web Service	industry standard web services which direct applications to correct data resources and include web based help file

#### Databases

#### RTLS Database

version 1 of SDK

#### Maintenance DB

devices, device assignments, entities, hardware information, maps, regions, triggers, zones and vertice storage

#### L History

stores all the L data seen by the system. Insertion criteria based on MOE

#### H History

stores all the H data seen by the system. Insertion criteria based on MOE

#### P History

stores all the P data seen by the system. Insertion criteria based on MOE

#### Other and In Development

##### Tagged Asset Tool

used with the Parco Tagged Asset webservice. Provides reporting information based on real time information available within the system.

##### Zone Report

provides real time, web based report of all zones within parco database

##### Hardware Report

provides real time, web based report of all hardware within parco database

##### Build Out Tool

perform internal survey relative to UCS, place hardware on maps, edit hardware (works with maps and hardware database information)

##### Zone Builder Tool

import maps into the database, define zones, view zones, view hardware, modify zones, track a selected tag

##### Tag Counter Tool

used for testing system and individual reader performance. Primary tool for handling reference and calibration tag placement. Can be used free standing of Parco RSS.

##### Tag Reporter Tool

can be used independent of system as a demonstration or survey tool, displays tag datastream from reader and provides audio interface

##### RTLS Console

monitors and controls all Parco services, logs important information

##### History Console

monitors and controls all Parco history databases

##### Reader Configuration Tool

configures TDC readers for use with the Parco Location Engine

##### Hallway Location Engine

generates hallway data from TOA information  
Tag Report Tool (Simple)  
displays basic tag counts such as total tags in wing or types of tags in an area  
Site Survey Suite  
uses RSS with maps, Tag Counter Tool, and Build Out tool to notate maps. Information is exported to text files for analysis.

#### Third Party Tools

JAVA SDK  
written by Tagnos, interfaces through Parco SDK.DLL (compatible with version 1 and 2 of SDK)  
.php SDK  
written by Sysgen, interfaces through Parco SDK.DLL (compatible with Version 1 and 2 of SDK)

#### Tested compatible software products:

Agility Healthcare Systems - Asset / Patient Tracker  
American Biomedical Group - Central Suites  
Aramark Corp - ISIS Pro (both SDK.DLL and CF.NET SDK)  
Cisco Corporation - Demonstration Software  
Microsoft Corporation - Azyxxi  
Next Frequency  
Nortel Corporation (only compatible with Version 1 of SDK)  
Patient Care Technology Systems - Amelior  
Sodexo - Asset management tool  
Tagnos - Asset Manager  
Triangulate - Patient Tracker