System uPDT™

Ultimate Personal Development Tool

Information Technology Company

True System z® processing on a budget

Information Technology Company (ITC)'s System uPDT™ technology is a complete, ready-to-use mainframe application development system for IBM® Independent Software Vendors (ISVs). The uPDT™ systems offer robust, reliable and attractively-priced solutions to meet today's requirements for IBM System z mainframe development.

uPDT incorporates the IBM System z Personal Development Tool (zPDT™) technology with state-of-the-art Intel® 64-bit IBM and Lenovo® systems to work transparently with the Linux® operating system and System z software. The result is a low-cost, seamless, fully-capable main frame computing system for either development or demonstration purposes.

The power of z

The IBM System z Personal Development Tool (zPDT) is a software-based application tool that provides an afforable application development and demonstration platform for commercially available products on System z. The zPDT enables a virtual System z architecture environment to run in full capacity on Intel platforms – such as a Lenovo laptop or IBM System.

This new tool can be very useful to ISVs by providing:

▸ A low-cost IBM System z platform for ISV application development and testing
▸ A portable System z platform for training & education on applications and Operating System environments
▸ A portable System z demonstration platform used to more-easily show-case products
▸ Support for developers in remote or multiple locations where having personal zPDT system(s) is more efficient and cost-effective than dedicating larger server resources
▸ Freedom from a dedicated LPAR on existing systems
▸ Complete control of your environment without risk to others.

The zPDT comes in one, two, or three virtual engines, and can be enabled as separate uni-processors or as a multi-processor configuration. These virtual engines can be defined as: System z general purpose processors; System z Integrated Information Processors (zIIPs); System z Application Assist Processors (zAAPs); and System z Integrated Facility for Linux (IFL).

The ITC Advantage

ITC takes this one step further by creating an underlying image that meets demanding System z development requirements for reliability. ITC has performed extensive research & development towards the design/build/ test of Sytem uPDT, gaining considerable experience in the process.

What does this mean to you? It means that System uPDT is ready to deploy immediately within your organization for productive application development use.

ITC's Sytem uPDT includes the selected hardware platform (laptop, desk-side and tower servers) you desire, the IBM zPDT technology (USB Hardware key and appropriate 1090 Code), Intel-based Linux and your selected System z Operating system (z/OS, z/VM, z/VSE, z/Linux). Custom-configured, your System uPDT is a complete, ready-to-use system that has been thoroughly tested and built to meet your specific requirements. ITC can also provide you with Level 1 & 2 technical support for your System uPDT solution.

Business Partner IBM®

Which one is right for you?	IBM zPDT	ITC uPDT
IBM 1090 Hardware Key	✓	✓
IBM 1090 Code	✓	✓
IBM zPDT Annual Subscription	✓	✓
IBM-Approved Base System		✓
Preloaded Linux Operating System		✓
Preloaded System z Operating System(s)		✓
Preloaded IBM 1090 Code		✓
zPDT Level 1/Level2 Technical Support		✓
Optional Services (Installation, Migration, Training)		✓

uPDT System at a Glance

IBM Product Number
zPDT USB Hardware Key (1090-L01, 1090-L02, 1090-L03)
zPDT Software (5799-ADE)

Base Systems
uPDT Mobile - Lenovo ThinkPad®
uPDT Midrange - IBM x3500
uPDT Enterprise - IBM x3650

Supported Software
z/OS
z/VM
z/VSE
z/Linux OS Levels: openSUSE, Red Hat Enterprise Linux (RHEL), Ubuntu

Additional Information
To learn more about the IBM zPDT technology and how ITC's System uPDT solution can help your organization, please visit: **www.itconline.com/updt.htm**

Information Technology Company

Since its formation, Information Technology Company, LLC (ITC) has pioneered the way in advancing mainframe technology. ITC's expertise spans nearly 30 years of working alongside the head scientists in Poughkeepsie – the company being the first to distribute the IBM P/370 and P/390 systems, and the s390/Integrated Server. No other company has ITC's background and experience with IBM.

It was, therefore, only fitting that IBM chose ITC to be its partner in expanding their zPDT technology. With a vast customer base in the Federal, commercial, and international markets, ITC is well-suited to establish zPDT and its benefits. It is this same expertise that has led to the refinement of System uPDT.

ITC provides a full range of optional services covering education, installation, customization, networking, and data management in support of your mainframe project.

Information Technology Company

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uPDT information: **www.itconline.com/updt.htm**
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