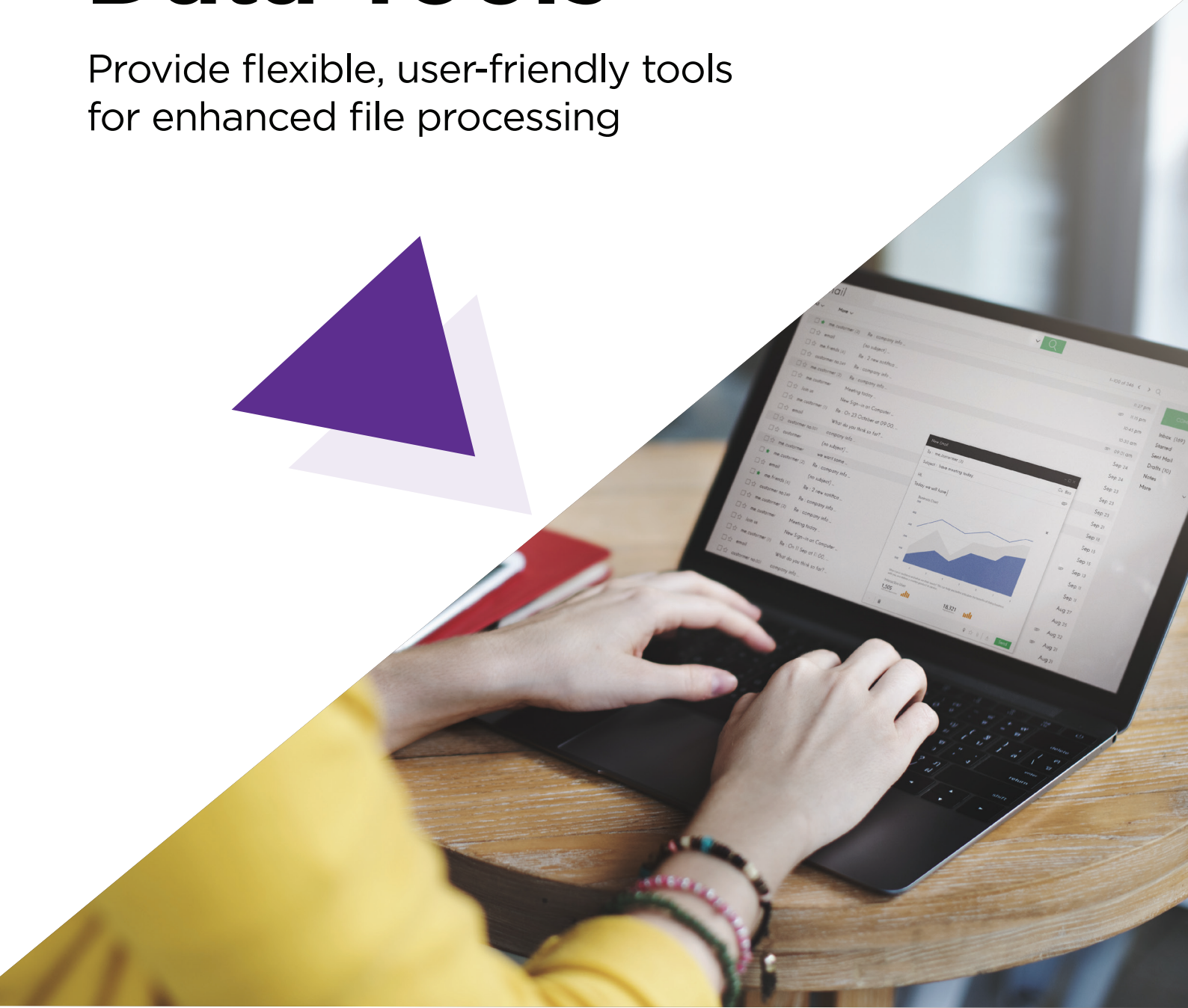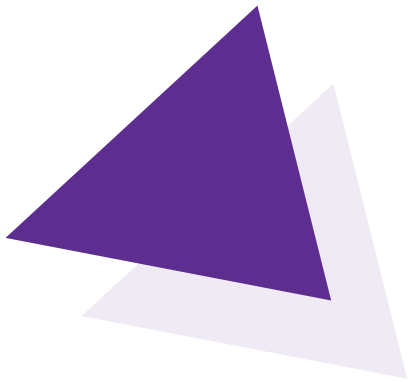HCL SOFTWARE | HCL ZDT

HCL

HCL Z

Data Tools

Provide flexible, user-friendly tools
for enhanced file processing

Overview

According to H. Tessler, Enterprise Systems Media, 80% of the world's corporate data still resides on mainframe systems today. Mainframe workloads typically represent the most important business critical systems. However, finding programmers and developers with the right programming language skills (COBOL, PL/I or assembler language) is increasingly hard to find. It is difficult to discover and integrate existing mainframe assets with the rest of the enterprise systems – putting critical business systems at risk.

HCL Z Data Tools (ZDT)

ZDT provide flexible, user-friendly tools for enhanced file processing. Manipulate data stored on z/OS systems interactively and in batch processing with a simple, intuitive user interface and remote systems support. ZDT provides comprehensive support for a wide range of data store types:

- Data set (VSAM, QSAM, PDS, PDSE, IAM, OAM)
- Hierarchical File System under UNIX System Services

- DB2
- WebSphere MQ

- IMS
- CICS

ZDT is designed to deal with large production data efficiently while protecting integrity and privacy. ZDT exposes mainframe assets as a set of RESTful APIs. APIs are then documented in a Swagger format with well-defined input and output parameters. RESTful APIs with their Swagger documentation of mainframe assets enable discovery, management and incorporation by API consumers who are not familiar with the mainframe platform.

Mainframe APIs can be managed together with all APIs across the enterprise and partners. Mainframe business logic and critical enterprise data can be easily re-used via APIs. No programming or modification to assets is required, minimizing risk. Further, security is not compromised as ZDT supports the latest security standard as well as asset access controlled by TSO user ID and associated security profile. ZDT is a must-have tool for every z/OS user.

Capabilities

No programming required	Provide generic or specific APIs
Easy-to-use templates	Change column orders or hide columns, based on requirements
Display all records or only specific records	Access to CICS resources

Benefits

Reduce Disruptions	Business Process Optimizations
Increase End-User Productivity	Cost Minimization