## HCL Mainframe Software Portfolio Overview

| Family                            |                      | HCL Software                                 | Description  | Primary Use Case   | IBM Software Equivalent  |
|-----------------------------------|----------------------|--|--|--|--|
| Emulators<br>&<br>Modernization   | ZIE Family           | Z and I Emulator (ZIE)<br>for Windows        | Microsoft Windows desktop terminal emulator                    | Host access (client based)   | Personal Communications<br>(PCOMM)   |
|                                   |                      | Z and I Emulator (ZIE)<br>for Web            | Browser based terminal emulator                                | Host access (web based)  | Host on Demand (HOD)   |
|                                   |                      | Z and I Emulator (ZIE)<br>for Transformation | Green screen applications transformation solution              | Business process<br>optimization and green<br>screen modernization | Host Access Transformation<br>Services (HATS)  |
| Software<br>Asset<br>Management   | Z Asset Optimizer    | Z Asset Optimizer (ZAO)                      | Mainframe software asset management solution                   | z Software Asset Discovery<br>and Cost Optimization                | IBM z Software Asset<br>Management (IZSAM) -<br>Formally known as Tivoli Asset<br>Discovery for z Systems (TADz) |
| Problem<br>Determination<br>Tools | Z Data Tools         | Z Data Tools (ZDT)                           | Data processing solution in batch and interactive ISPF session | Data access Modernization & DevOps tool                            | File Manager for z/OS (FM)   |
|                                   | Z Abend Investigator | Z Abend Investigator<br>(ZAI)                | Abend / application failure diagnosis tool                     | COBOL development &<br>DevOps tool                                 | Fault Analyzer for z/OS (FA)   |



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