



## **zCOST AutoSoftCapping – Data Sheet** **IBM z/OS VWLC Software Pricing Optimization**



### **zCOST AutoSoftCapping Overview**

zCOST AutoSoftCapping is a Systems Management solution for IBM zSeries Mainframes using the VWLC pricing metric with the z/OS Operating System.

Today larger companies are managing ever increasing IBM zSeries Mainframe environments, with many servers & even more LPAR's, while optimized software pricing is always a high priority for the diligent Software Asset Manager, in an attempt to balance the software cost versus workload performance conundrum. Even for the smallest of IBM zSeries users, zCOST AutoSoftCapping provides a solution to minimize software costs, while maximizing MSU performance, delivering a solution that can be easily deployed for all IBM zSeries users alike.

zCOST AutoSoftCapping safeguards that the **“right MSU's are in the right place, at the right time & for the right cost”**, optimizing MSU utilization, dynamically & as per customer defined customizable parameters.

### **Easy-to-Install & Easy-to-Use**

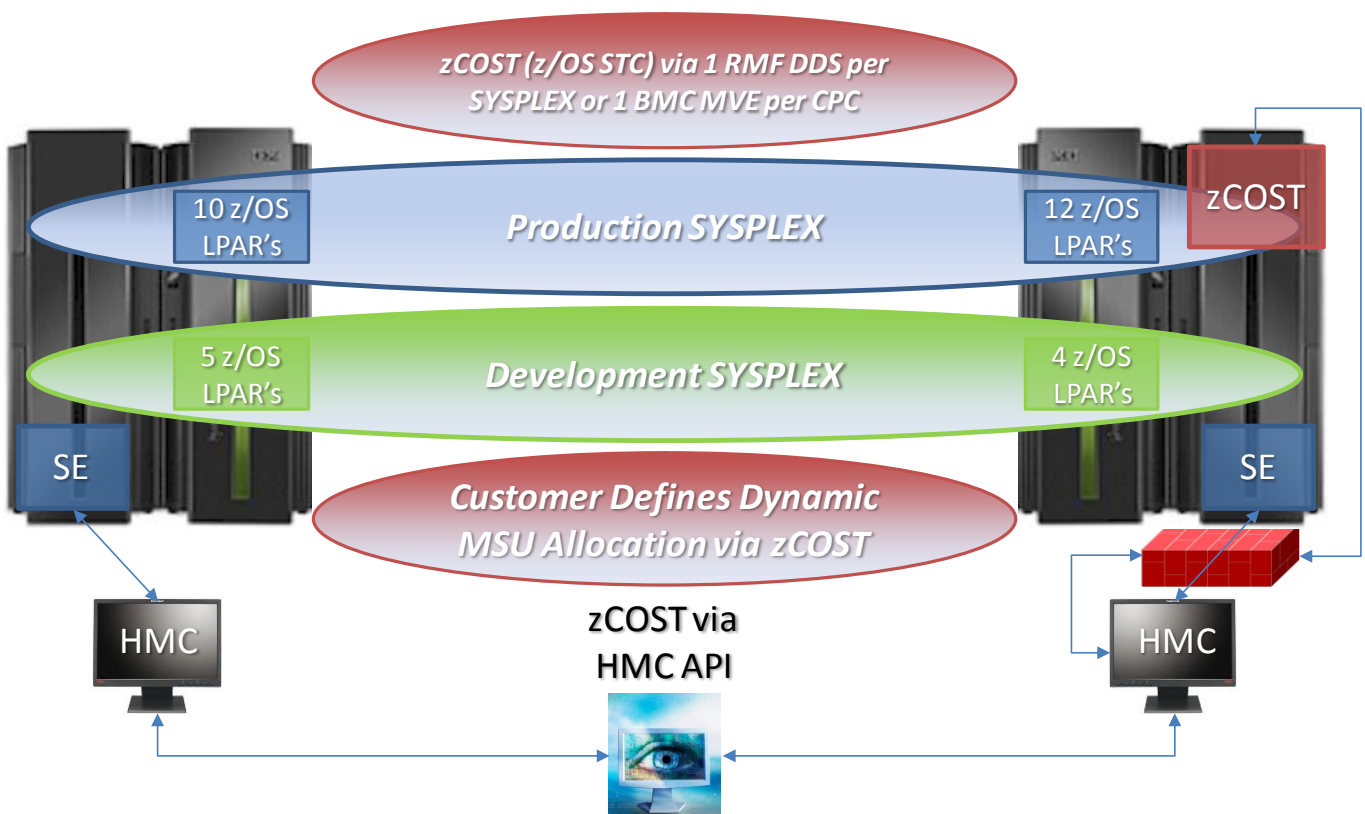
Typically zCOST AutoSoftCapping is installed within several hours & deployment is straightforward & easy, leveraging upon standard IBM z/OS interfaces, so implementation within the existing infrastructure is transparent. This allows for rapid delivery of benefits, generally in the form

of Return On Investment (ROI), reducing Variable Workload Charging (VWLC) software costs, by optimal use of reduced MSU resource. It therefore follows that long-term Total Cost of Ownership (TCO) benefits apply, as reduced & optimal MSU resource usage is a perpetual benefit.

Today's 21<sup>st</sup> Century IT technician requires a hybrid of skills, an understating of the underlying technology, in this case the zSeries platform, combined with a business facing bias, which can translate technical functions into tangible business benefits, generally in the form of improvements that are measured via Service Level Agreements (SLA) & Key Performance Indicators (KPI) metrics.

It seems forever thus, that timely Batch Processing completion is a mandatory requirement, while the rolling-4 hour average MSU resource usage associated with VWLC pricing potentially challenges this most fundamental of service delivery objectives. For years IBM Mainframe installations have fine tuned resources for optimal batch processing, safeguarding completion in readiness for the next on-line day. Potentially VWLC based software pricing metrics can polarize this service delivery ethos, where too much focus is applied to “fixed” software costs, with inevitable impacts. zCOST AutoSoftCapping safeguards that maximum MSU's are allocated for optimal costs...

### ***zCOST AutoSoftCapping Implementation Example***



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| <b>zCOST AutoSoftCapping Product Features</b>  |   |
|--|---|
| <b>Reporting</b>   | <b>Event Management</b>   |
| <ul style="list-style-type: none"> <li>Business reports for Software Asset Managers</li> <li>Technical reports for z/OS technicians</li> <li>Multiple reporting formats (GUI, PDF, Web, Email)</li> <li>SMF user record for SAS/MXG &amp; Tivoli DS integration</li> </ul>           | <ul style="list-style-type: none"> <li>SNMP integration</li> <li>Event &amp; threshold based SYSLOG WTO message generation</li> </ul> |
| <b>Ease of Use</b>   | <b>Security Features</b>  |
| <ul style="list-style-type: none"> <li>Configurable hierarchical policy definitions</li> <li>Optimized software pricing &amp; cost control</li> <li>Same look &amp; feel as standard SCRT &amp; SCPT processes</li> <li>Dynamic MSU sharing &amp; continuous optimization</li> </ul> | <ul style="list-style-type: none"> <li>Firewall-friendly architecture</li> <li>Multi-tier security architecture</li> </ul>            |
| <b>zCOST AutoSoftCapping Technical Specifications</b>  |   |
| <b>Supported Platforms</b>   | <b>Supported Measurement Facilities</b>   |
| z800, z900, z890, z990, z9 BC, z9 EC, z10 EC, z114, z196   | IBM RMF (Resource Management Facility)  |
| z/OS 1.n operating in z/Architecture (64-bit) mode   | BMC CMF (Capacity Management Facility)  |
| <b>Supported Security Subsystems</b>   | <b>Integrated API's</b>   |
| RACF (IBM Security Server)   | IBM HMC (HWMCAAPI)  |
| CA ACF2  | IBM RMF (ERB3XDRS with XML parsing)   |
| CA Top Secret  | BMC CMF (NVBAPI with XML parsing)   |

| <b>zCOST AutoSoftCapping – Typical Customer Deployment Scenario</b>   |   |
|---|---|
| <b>Phase 1 – Environment Study &amp; Recommendations</b>  | <b>Phase 2 – Pilot Trial &amp; ROI Confirmation</b>   |
| <p><b>A)</b> The customer provides 1 full calendar month of SMF Type 70 record data for each SYSPLEX, where data from one LPAR per SYSPLEX is sufficient.</p> <p><b>B)</b> The customer provides the latest SCRT report from their environment.</p> <p><b>C)</b> zCOST Management generate a performance &amp; recommendations report from the SMF data provided by the customer.</p> <p><b>D)</b> zCOST Management generate a Business Case report detailing software costs savings, typically 10-20% &amp; associated ROI duration, typically ~6-12 months.</p> | <p><b>1)</b> The customer provides the serial numbers from their IBM zSeries environment (E.g. D M=CPU) for software license key generation purposes.</p> <p><b>2)</b> zCOST Management delivers a ready-to-use software installation package for a 30 day pilot evaluation period.</p> <p><b>3)</b> The customer installs the zCOST AutoSoftCapping software, typically a ~3 hour activity &amp; runs in simulation mode for ~2 days.</p> <p><b>4)</b> Customer &amp; zCOST Management compare SCRT reports, before &amp; after zCOST AutoSoftCapping software, to demonstrate ROI efficiencies.</p> |

| <b>zCOST AutoSoftCapping – Major Benefits Summary</b>   |   |
|---|---|
| <b>IBM Interaction</b>  | <b>Customer Benefits</b>  |
| <ul style="list-style-type: none"> <li>zCOST Management are IBM Advanced Business partners, while the zCOST AutoSoftCapping software solution is referenced on the <a href="#">IBM System z software pricing web site</a>.</li> <li>zCOST Management are IBM PWD (PartnerWorld for Developers) members, safeguarding full compliance with IBM zSeries developments, as of GA date.</li> </ul> | <ul style="list-style-type: none"> <li>Delayed processor capacity acquisition or reduced technology (E.g. z9-z10-z114-z196) upgrade costs (I.E. TCA).</li> <li>Perpetual &amp; on-going reduced IBM zSeries Sub-Capacity (E.g. VWLC) software costs (I.E. TCO).</li> <li>Mechanism to control MSU usage for looping processes.</li> <li>Optimized MSU resource allocation for efficient software costs, without impacting business services.</li> </ul> |

**zCOST AutoSoftCapping – safeguarding the right MSU's are in the right place, at the right time & for the right cost!**

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