

Improve Operational Efficiency for Mainframe Monitoring Requirements CA UIM for z Systems

CA Unified Infrastructure Management for z Systems (CA UIM for z Systems) extends the powerful CA UIM solution to provide comprehensive end-to-end visibility of business services that span mobile-to-mainframe environments. It features a single, unified architecture that delivers comprehensive data center coverage to quickly identify and resolve infrastructure problems across distributed and z Systems™ platforms.

Business challenges

In an application economy, everything is driven by connected applications that run on a number of different devices, platforms and systems. These applications are the key to delivering a differentiated user experience that excites and engages customers. However, staying ahead of the new applications and technologies demanded by your customers is hard and it becomes even harder with the lack of visibility into business services that go across mainframe and distributed environments.



Available Options

- **CA UIM Operations for z Systems** probe pack feeds metrics data from the z/OS operating system into CA UIM such as Sysplex images, LPARs, z/OS instances, Started tasks, System tasks and channel I/O.
- **CA UIM Storage for z Systems** probe pack feeds metrics data for the mainframe storage environment into CA UIM such as DASD, HFS and NFS mount points and Fibre Channel ports.
- **CA UIM for z/VM systems** probe pack feeds metrics data from the mainframe z/VM hypervisor into CA UIM such as System CPU, Guest CPU, page volume, spool volume and wait states.

For more information, please visit ca.com **CA UIM for z Systems**

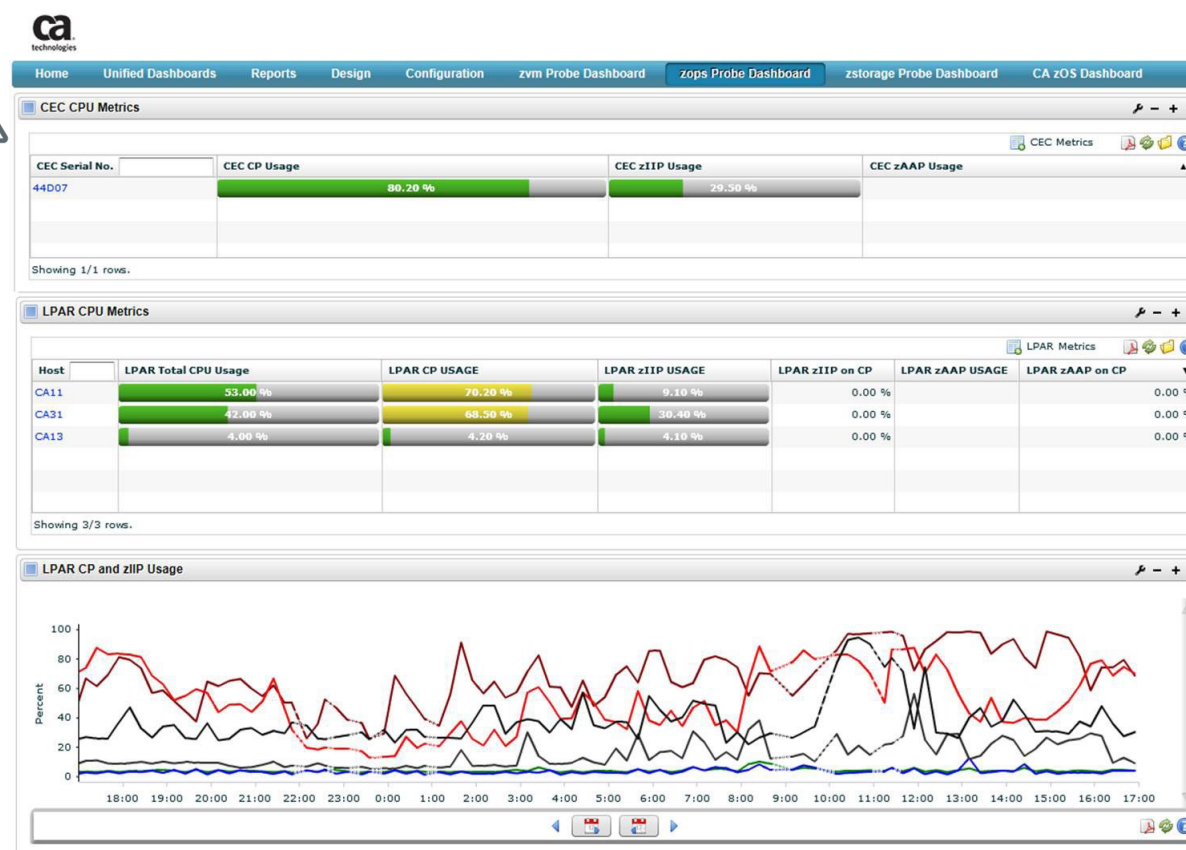


Key benefits and results

- **Reduce Downtime** — Quickly identify and resolve infrastructure problems across mainframe and distributed environments.
- **Improve ROI** — Spend less time managing disparate tools and more time focusing on the business to accelerate MTTR, increase efficiency and reduce costs.
- **Simplify Mainframe Monitoring** — Sophisticated, yet simple probe architecture makes it easy to monitor z Systems as part of overall IT infrastructure, reducing the need for specialized tools and expertise.

Key features

- **End-to-End Business Service Visibility.** View business services that span distributed and mainframe environments from a unified single pane of glass.
- **Customizable Dashboards.** Leverage pre-packaged, customizable dashboards to more quickly and easily adapt views to specific objectives.
- **Business Metric Monitoring.** Aggregate metrics data on key elements of z Systems to provide current view of critical business services.
- **Power and Simplicity.** Delivers simplicity associated with most point solutions with the power of enterprise mobile-to-mainframe scalability through a unique architecture and lightweight footprint.
- **Unified Trending and Root Cause Analysis.** Get automated alerts, trending reports, predictive analytics and real-time intelligence that offer important insights, when you need them.



Marquee benefits yielding **\$695K** per year in savings are detailed on the reverse side of this document in order to show examples of business value achievable through this CA UIM for z Systems approach



Business Value Estimations

CA UIM for z Systems benefits can be quantified via a wide range of benefit scenarios. A selection of these is listed below to show common areas measured.



Business Value Proposition	Business Value Enabler	Specific Measurement	Solution Area	Impact Range ¹	Key Resources Affected	Average Resource Value ²	Projected Savings / year ³
Improved productivity for IT and mainframe monitoring staff admins	Role based displays along with simplified reporting enables viewing of information from multiple data sources	Reduction in IT and mainframe staff labor costs	CA UIM for z Systems	5 - 10%	IT and Mainframe Monitoring FTEs	10	\$97,500
Reduction in service desk calls for infrastructure outage or performance issues	Incident detection, notification and correlation of events by the solution leads to quicker root cause identification and faster resolution of service desk outage requests	Reduction in level 1 and 2 service desk labor costs	CA UIM for z Systems	5 - 10%	Service Desk FTEs	13	\$48,750
Reduction in frequency and duration of crisis or triage bridge calls	Quicker root cause identification allows crisis/triage teams to quickly isolate the source of the problem thereby increasing infrastructure availability and performance	Reduction in crisis management labor costs	CA UIM for z Systems	25 - 35%	Crisis management FTEs	4	\$130,000
Reduction in MIPS Costs	CA UIM for z Systems probes consume less system resources that comparable options, allowing for potential reductions in overall MIPS usage	Costs saved through lower MIPS requirements	CA UIM for z Systems	0.5 - 1.5%	MIPS	\$225,000	\$168,750
Improved business services availability and performance for revenue generating customers	Increased availability of critical production servers and network components reduces the risk of revenue loss associated with infrastructure availability and performance issues	Reduction in risk of loss of revenue	CA UIM for z Systems	5 - 15%	Revenue impacted by infrastructure failure at risk	\$2,500,000	\$250,000

This table shows some **key benefits** of **CA UIM for z Systems**. Your CA Technologies representative can also share additional and more detailed ROI business case examples for this solution by engaging the CA Business Value Analytics Team. This team works with CA's customers to develop and analyze a comprehensive set of assumptions and environment specific metrics in order to build customized projective business cases.



- ¹ The Impact Ranges shown above are estimations derived from the analysis of benchmark data which is a composite of data derived from industry analyst published information, interviews with subject matter experts and experiential data from prior projective analyses.
- ² The Average Resource column shows resource values representative of those used in business case analyses by the CA Business Value Analytics Team.
- ³ The Projected Savings may be representative results for organizations whose Average Resource values are similar to those in this table. Labor rates for all FTEs are assumed to be \$65/hour, except Service Desk FTEs, where \$25/hour is used. Actual calculations may include additional parameters. Your CA Technologies representative can provide detailed benefit calculations for values in this column. The values expressed in this table are not a guarantee of achievable results and will vary depending upon your current infrastructure, people, and processes as well as the appropriate, effective implementation, adoption, and use of the CA solution.