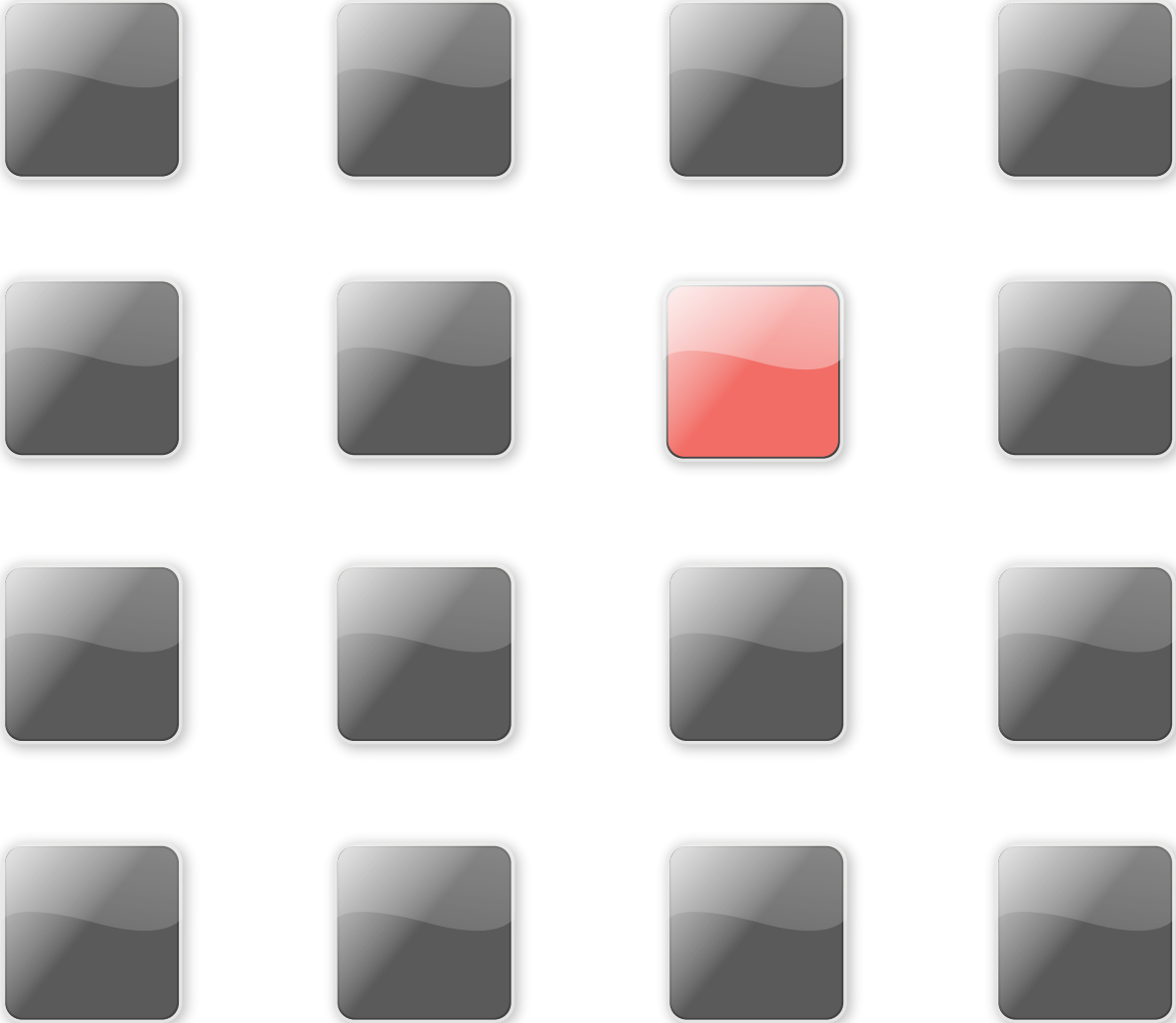


Dollar Universe™

The True Cross-Platform, Cross-Application Job Scheduler



IT Automation Matters. Dollar Universe Makes it Easy.

“Using ORSYD Dollar Universe to automate infrastructure architecture for our mission critical Warehouse Management System, we decreased support call volume by 90%.”

John Goodfellow
IT Manager



Highlights

End-to-End Automation
Event-Driven Scheduling
Real-Time Monitoring
Adaptive Architecture
Cost-Effective Solution

Strategic Significance of a Workload Automation Solution

ORSYP's Dollar Universe™ job scheduler is the nerve system of thousands of IT operations and data centers around the world. It offers a comprehensive enterprise solution that aggregates, automates, and orchestrates IT processes in any heterogeneous environment - whether large or small, complex or simple. Its real-time and event-driven engine guarantees that your IT processes are executed on time in a reliable, repeatable, reportable, and measurable fashion. Dollar Universe is the automation tool that brings intelligence to job scheduling in a cross-platform and cross-application environment supporting new and legacy systems, including mainframes.

In the continuous quest to improve service delivery to the lines of business, while reducing operational costs, IT organizations seek an enterprise automation solution that is technologically up to the task - a solution that is adaptive to both the technical and business environments and a technology that is non-disruptive to the organization.

Other job scheduling solutions on the market have proven to be too costly over time and in some cases have impaired IT's ability to respond effectively to business needs. We like to call Dollar Universe the ultimate adaptive solution because our unique and advanced architecture enables IT departments to respond to business needs rapidly and cost-effectively.

One Solution for IT & Business Needs

Dollar Universe Enterprise Job Scheduler

Business Applications

ERP, CRM, MRP, home grown, ...

Technical Applications

Data Protection, Data Transfer, ...

JAVA Applications

Web Services, ETL, EAI, ...



Taking Workload Automation to the Next Level.

Expect More from your Job Scheduler

Dollar Universe stands in its own class because it is built on a unique Peer-to-Peer architecture validated by customers with some of the most sophisticated and complex automated operations. The benefits from this architecture impact your operations:

■ Increase productivity...

By providing one standard job scheduling solution that schedules all job types on all platforms in the organization. Automate more with one solution!

■ Enhance agility...

By moving to a proactive management environment. Ramping up with no scalability limitations or rapidly incorporating new business units are examples of how you can respond effectively to business needs.

■ Reduce costs...

By consolidating dispersed job scheduling solutions to one that meets both your enterprise-wide IT technical needs and one that cost-effectively addresses your business needs. Also, reduce costs by eliminating the need for additional hardware and third-party software.

■ Reduce operational risks...

By optimizing job scheduling reliability and availability in your organization - with a 100% safe guard solution that is "natively" fault-tolerant - protecting your business from catastrophic failures.

Impact of Job Scheduler Selection

An enterprise job scheduler is the enabler of automation and should be evaluated as a long-term investment in your company. IT process automation empowers IT departments to deliver service levels reliably as well as become proactive to business and IT dynamics.



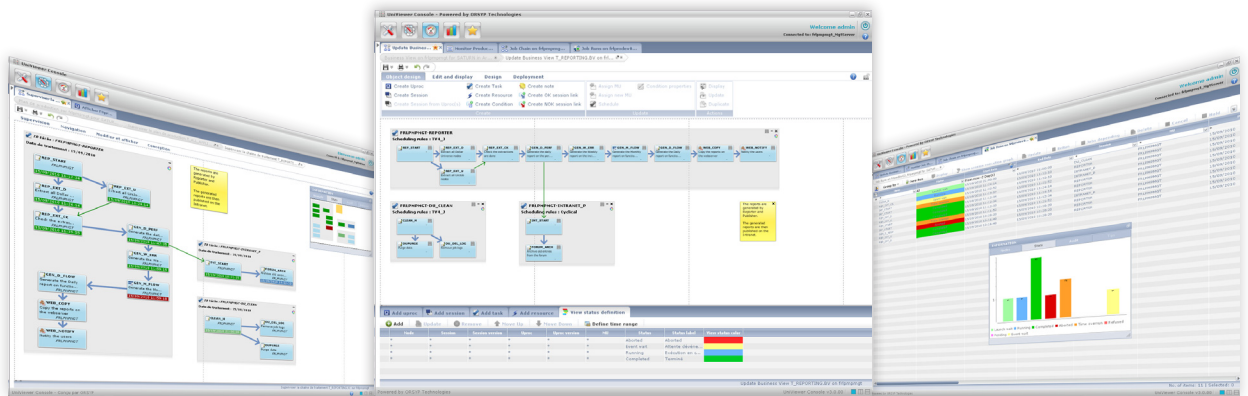
A Flexible Portal. A Solution for all Stakeholders.

Custom Views for Development and Supervision

ORSYP's central console for your IT operations is designed to benefit all stakeholders including developers, operators, IT and business managers. As each stakeholder has a "different perspective" of the production environment, the ORSYP solution enables companies to provide unique and customized views for each. For instance, a job flow can be visually represented as a business flow versus an IT process. The same building blocks are used to easily create the different views. This option truly takes job management to the next level by aligning IT operations with business objectives.

The examples below demonstrate a subset of views that can be customized for users. A key strength of Business Views is its flexibility to create any view that best fits your unique IT and business practices.

Real-Time Monitoring



The Business Manager View

A view specific to the manager's line of business can be set up by configuring a subset view. For instance, a finance manager will only want to view the status of the financial jobs.

The Developer View

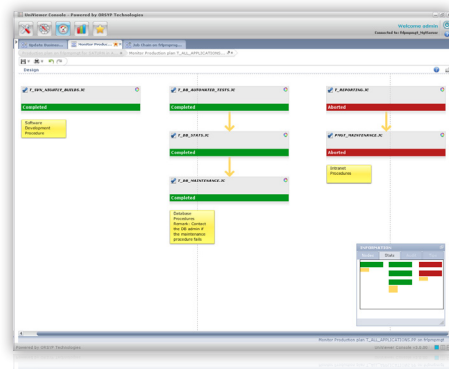
Users can easily create jobs, job flows, and schedules by dragging and dropping graphical blocks. This removes complexities in developing and managing jobs that are, not only complex in nature, but are also dependent on cross-departmental or business unit conditions.

The Operator View

A real-time detailed view of all operations informs operators with up-to-date status on jobs. Views can be represented as job hierarchies with dependencies shown on the far left or as list form.

The IT Manager View

A bird's eye view provides IT managers with a consolidated and informative view of all automated operations with the drill down capability into the finer details.



Adaptive Architecture for Business Agility.

Why does Architecture Matter?

The underlying reason behind Dollar Universe's truly unique feature-set is simply the architecture. Other commercial job scheduling solutions are based on the traditional Master-Agent architecture. Such a model works fine at first, but as the automation environment expands and requirements become more sophisticated, problems of availability, scalability, performance and cost become apparent. Dollar Universe offers an adaptive Peer-to-Peer architecture (or sometimes referred to as a Distributed architecture) leveraging the power of distributed computing by spreading job scheduling functions across the entire network. Ultimately, automation services are instantaneously available for consumption at a local level by each application.

The benefits from the Peer-to-Peer architecture are endless, offering a service/object-oriented framework to build, maintain, and expand your automation footprint, while retaining the advantages of centralized monitoring and control. The Dollar Universe architecture thus enables IT organizations, whether small or large, complex or simple, static or dynamic to:

Scale up the automation footprint easily and do so cost-effectively.

There are no limitations to the number of servers or running jobs with Dollar Universe. Since the workload is distributed amongst the production servers, the problem of burdened and lagging environments is just nonexistent.

Ensure high availability and reliability.

Dollar Universe is as highly available as the application itself. In cases where a high available (HA) solution is setup for the application, it automatically inherits this benefit. In cases where no HA is available, Dollar Universe relies on its native and fault-tolerant solution guaranteeing ultimate IT availability and reliability.

Virtualization! Integrate new automation entities fast, cost-effectively and "naturally".

One of the most powerful features in Dollar Universe is its virtualization capability via Management Units (MU) providing a virtual layer to:

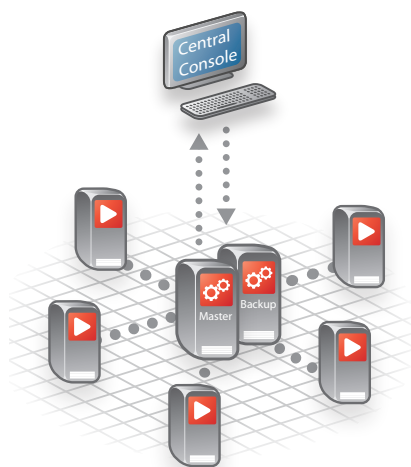
- Model the business structure.
- Construct an automation footprint that is independent from the IT infrastructure for maximum flexibility.

Benefits of Dollar Universe Virtualization

In one actual real-life instance:

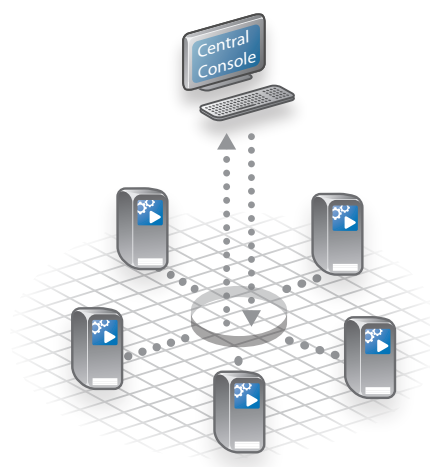
The number of objects was reduced by a factor of 10. That's powerful!

Traditional Master-Agent Architecture

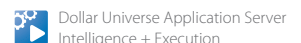


- ! Extra Infrastructure
- Scalability limitations (agents/jobs)
- Performance drawbacks (Latency)
- Network Overload

ORSYP Adaptive Peer-to-Peer Architecture



- ✓ No Extra Costs
- ✓ No Central Master Scheduler
- ✓ Scalable
- ✓ Fault-Tolerant System



Key Features.

Natural Response to your IT & Business Needs

Dollar Universe offers a high-value, unmatched, and powerful feature-set that fits your IT and business organizations while leveraging a process-driven methodology. The result is a job scheduling solution that improves IT services while dramatically reducing operational costs and risks.

Definition

Scheduling. The object-oriented scheduling and sequencing ease the development and maintenance of jobs and job flows. Flexible features, such as generic fiscal scheduling rule versus manually managed calendars, help build an automation model that best fits your business requirements.

Staging. Staging provides dedicated work areas for Development, Test, QA, Training, and Production. This enables a smooth and error-proof transition to production. Additional version control and traceability functions enhance the life cycle management process; providing a complete development environment.

Submission

Processing. The event-driven processing combined with distributed scheduling offers the highest level of performance. External events originated from other applications such as those from database activities, business workflows, or system resources all contribute to creating a unified IT operations workflow. This results in job executions that are on-time and accurate; putting your operations reliably on auto-pilot.

Workload Balancing. Intelligent balancing and regulating of the load across servers maximizes the use of available server resources, ensuring on-time job execution for optimal application availability.

Monitoring & Control

Monitoring and Control. Real-time monitoring provides an accurate and informative view of the production environment. Sophisticated controls including preventive or corrective actions, alarming and notifications (e-mail, paging...), and ad-hoc user intervention provide full control of IT operations.

Diagnostics. The quick drill-down root cause analysis of complex issues help restore production and business continuity rapidly. Problems due to unexpected conditions are resolved before they impact the end user.

Reporting

Reporting. The Reporter module offers canned and customizable reports for a comprehensive analysis of production activities; such as measuring key quality indicators. Reporting also provides visibility into trends helping you further optimize your operations and ensures continuous delivery on business expectations.

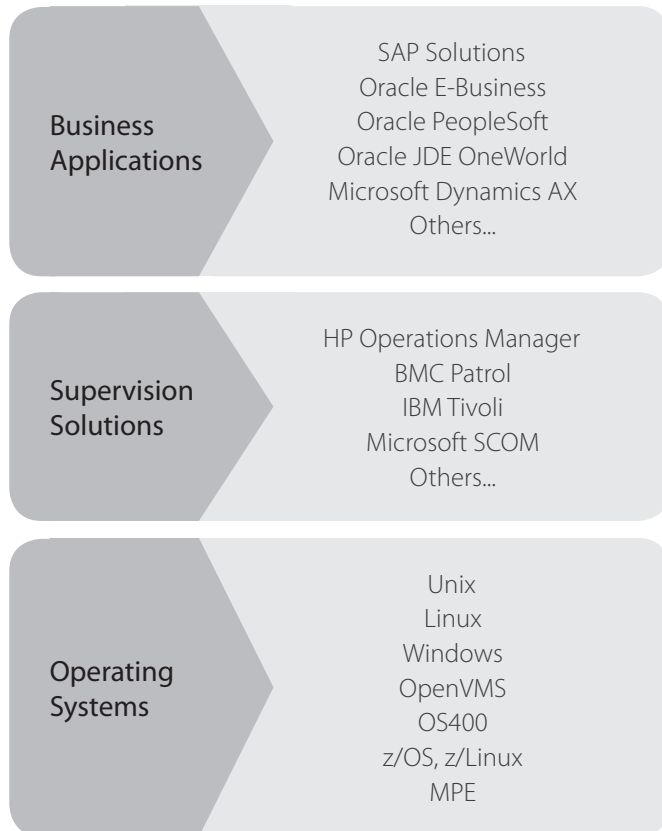
Documenting. The Publisher module creates up-to-date HTML documentation to retain knowledge of your operations. The format and content is fully customizable and the output is automatically generated to represent job definitions and their dependencies. Documenting job definitions is an integral part of change management in organizations.

SOX Compliance. The job tracking and audit capabilities of Dollar Universe enables Sarbanes-Oxley compliance in your organization saving you time and valuable resources.

The Perfect Fit for your Heterogeneous Environment.

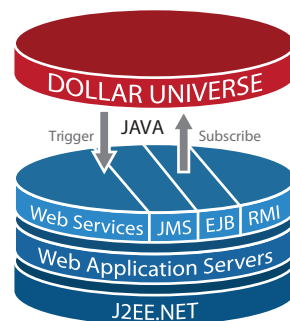
True Cross-Platform, Cross-Application Solution

ORSYP's solution supports a wide range of operating systems and commercial applications.



Java-Ready and Web Services

Dollar Universe offers a comprehensive solution for Java environments. It can trigger Web Services, JMS, EJB postings and provides the ability to subscribe to any Java event. This bi-directional support of Java jobs provides the full functionality that any organization would require for integrating Java applications into the automation footprint.





About ORSYP

ORSYP is an independent IT Operations Management solutions provider helping customers assure that IT services are delivered on-time. Headquartered in Paris, France, Boston, USA, Hong Kong, China, ORSYP has more than 20 years of growth and over 1400 blue chip customers. ORSYP software, including Enterprise Job Scheduling, IT Automation, Performance and Capacity Management and also ITSM consulting services, are trusted and proven in some of the world's most demanding physical and virtual environments.

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