



OneVuex[®]
UNIFIED SYSTEMS

OneVuex Unified Systems



Experience the Transformative Value of AI | Digital Transformation in the Energy Sector

Bass International Software, LLC



<https://onevux.com>

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Advancements in digital technologies continue to reshape the energy sector. AI | Digital transformation is no longer a choice. To be competitive and meet market and political demands, it's an imperative.

AI and Technology Innovation will transform the energy sector, for example:



Energy Transition:

- ✓ Provide analytics and insights to reduce the carbon footprint
- ✓ Improve renewable energy forecasting and optimization



Fossil Fuel Production:

- ✓ Detect anomalies
- ✓ Predict failures
- ✓ Automate operations
- ✓ Improve production processes



Stability and Security of Power Grids:

- ✓ Monitor and control the flow of electricity
- ✓ Detect and respond to cyberattacks



Field and Operations

- ✓ Drive asset operations and management
- ✓ Improve project development & planning
- ✓ Detect system malfunctions
- ✓ Drive efficiencies and safety with connected hand-held devices and drones
- ✓ Accelerate employee training and digital skills with AR/MR and GenAI models



Data Management and Analytics

- ✓ Improve demand forecasting with prediction capabilities
- ✓ Optimize yields and grids for renewable energy sources
- ✓ Forecast weather patterns, adjusting outputs, and balancing supply and demand via AI algorithms



Integrated Innovations

- ✓ Simulate and optimize systems with Digital Twins
- ✓ Provide real-time data on energy usage and efficiency with IoT
- ✓ Process huge amounts of data, reduce costs, and increase system scalability via Cloud Computing
- ✓ Create digital workflows for greater productivity and efficiencies with Automation and AI



Security Against Cyberthreats

- ✓ Protect endpoints of billions of connected devices
- ✓ Defend against data breaches, ransomware, phishing, Denial of Service (DoS), and Industrial Control System (ICS) attacks

The energy sector is undergoing massive change. Increasing demand for electricity, pressure to reduce CO₂ emissions and embrace renewable energy, and shifts in fuel production due to political unrest have forced the industry to improve efficiency, productivity, and cost savings. Governments are transitioning from fossil fuels, moving to renewable energy – to \$2 trillion by 2030. In addition, growing awareness of environmental and social governance issues (ESG), and policy agreements (G20 Summit, Paris Agreement) drive huge political incentives.

Competition is fierce. Transformative technologies like Cloud and generative AI have accelerated AI | Digital transformation for greater operational agility; more optimal work processes; and advanced security against cybercrime. Cloud migration and modernization also address urgent capacity needs, application innovation, cost savings, and many other benefits.

To move ahead, the Energy Sector must address top business/IT challenges and priorities with a cloud-based platform

Top Data Challenges Energy Firms Experience



53%- Poor Quality Data



46% - Inability to process big data and act on it at the speed required



47% - Lack of Technology Skills and People



46% - Inability to find meaningful data and insights

Benefits of Cloud Migration and a Cloud-based Platform

72% - Improved data management

71% - Faster ingestion

70% - More Storage

69% - Supportive partner ecosystem

68% - More meaningful, actionable insights

Energy organizations interested in an open, cloud-based platform expect even more benefits.

Expected benefits if applications and data are unified and interoperable:

- 57%** A single view of the customer
- 55%** Good quality data
- 55%** Accessible, available, and ready-to-use data
- 51%** Lower data management costs

Expected benefits if applications and data are on the same platform:

- 60%** Increased operational efficiency
- 56%** Better data management
- 55%** improved security

OneVuex – A Unified Approach to AI | Digital Transformation

Leverage new data and technologies to drive innovation, improve operational efficiency, and accelerate energy transition growth opportunities.

OneVuex integrates Microsoft Azure for Energy helping energy companies meet rising demands for safe and reliable sources of energy with built-in security and the industry's most comprehensive compliance portfolio. Azure tools and services can be used to build custom solutions that modernize energy infrastructure, adopt new technologies, optimize core businesses, and drive new growth. Gain actionable insights, improve operational efficiency, and accelerate time to market on the enterprise-grade, cloud-based OSDU® Data Platform service.



[Microsoft Energy Data Services](#)

Enterprise-grade fully managed OSDUTM Data Platform for the energy industry.



[Azure Machine Learning](#)

Bring AI to everyone with an end-to-end, scalable, trusted platform with experimentation and model management.



[SAP on Azure](#)

Bring the intelligence, security, and reliability of Azure to your SAP applications.



[Azure Digital Twins](#)

Build next-generation IoT spatial intelligence solutions.



[Azure IoT](#)

Gain insights from your connected devices.



[AI Services](#)

Add smart API capabilities to enable contextual interactions.



[Kubernetes on Azure](#)

Get enterprise-grade by design Kubernetes. Achieve application management at scale and multi-layer security across compute resources, data, and networking.



[High-performance computing \(HPC\)](#)

Get fully managed, single tenancy supercomputers with high-performance storage and no data movement.



[Security Center](#)

Unify security management and enable advanced threat protection across hybrid cloud workloads.

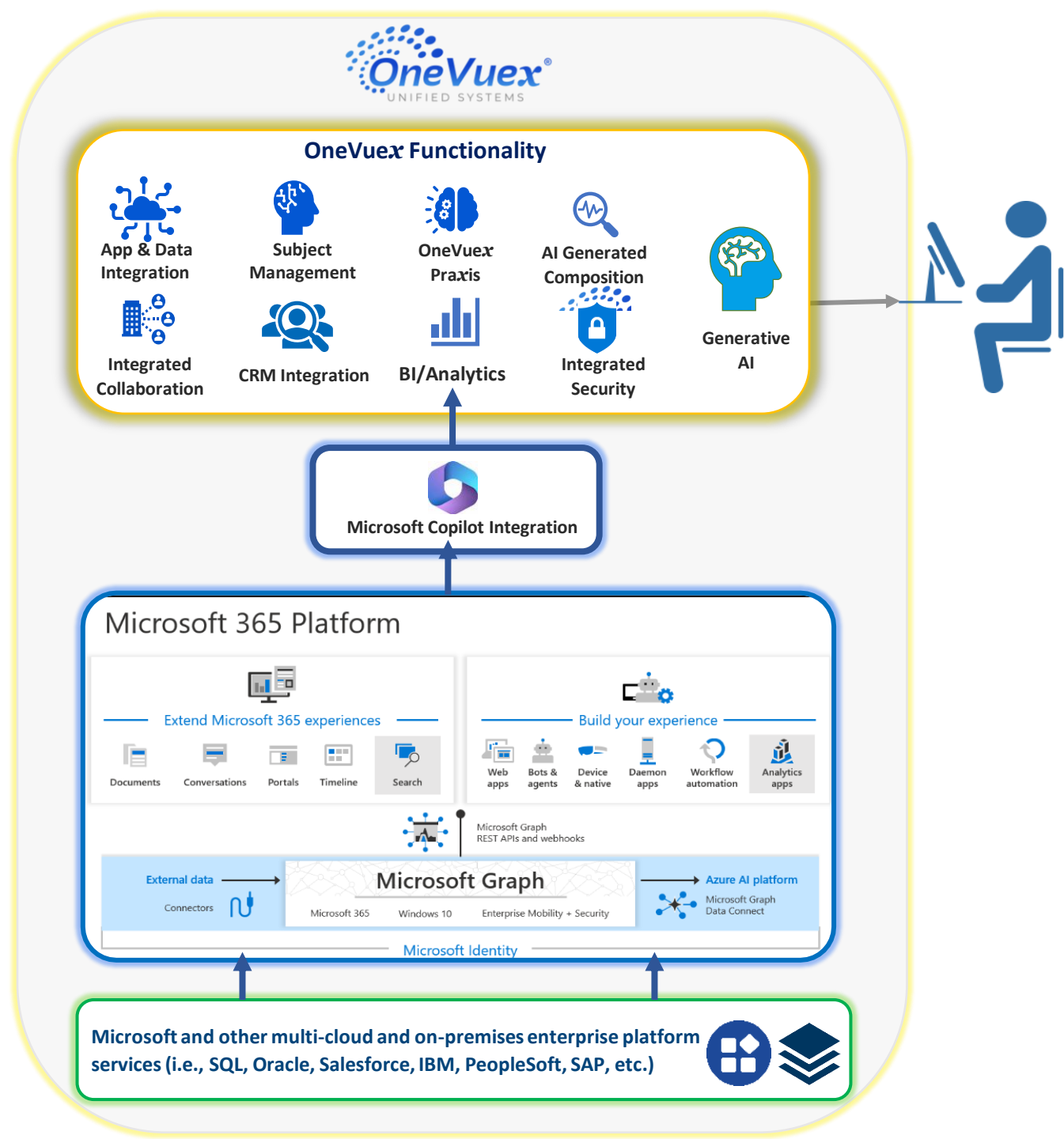
OneVuex Unified Systems

One System in a Single Interface

OneVuex makes it easier for energy companies to embrace cloud and AI | Digital Transformation, providing a single platform for applications and data that are now unified and interoperable.

OneVuex is an AI Powered Digital Knowledge Network and Productivity Center that intelligently integrates Microsoft and other vendor applications and platforms (on-premises to cloud), displaying combined results through a single interface.

With OneVuex, **generate ideas and content faster, complete time-consuming tasks, and get AI driven insights with advanced security incorporating Zero Trust architectures** for greater innovation, productivity, and operational efficiencies.



OneVuex is Your One-Stop Solution for the Future of Work

OneVuex's unique **Code Integration Technology and AI** eliminate silos of information; intelligently integrate data, content, and technologies; and automate processes, increasing productivity and innovation. With OneVuex, work is not about wrestling with inflexible, disparate systems. It's about creating, innovating, and visioning with greater adaptability, flexibility, and insights with less IT maintenance and expense.



Apps & Platforms: OneVuex integrates **Microsoft and other vendor apps, platforms, and legacy systems** through a single interface, so finding, accessing, and sharing related content and data is easy.



Subject Management: OneVuex's **AI creates digital subject cards** that automatically connect related content in all file types, folders, emails, topic pages, contacts, and more so users can find everything they need in just one click.



OneVuex Praxis: OneVuex integrates **GenAI with our Code Integration Technology**, so users can quickly generate content. Unlike other AI technologies that just source the internet, OneVuex Praxis sources the internet **and** your internal files, data, emails and other content connected in OneVuex.



Microsoft Copilot Integration: Copilot drives productivity and creativity, summarizing key points, drafting new documents, creating presentations and more. OneVuex expands the scope to content outside of M365 for more complete insights.



Analytics Integration: OneVuex incorporates everything from data movement to data science, real-time stream analytics, and business intelligence from internal and external sources, providing an accurate view of your organization in customized dashboards.



Collaboration: Work with others in real-time throughout the system sharing files, digital subject cards, topic pages & emails. Chat, conduct Teams meetings, all w/o opening underlying apps. Collaborating is easy and seamless.



AI Generated Composition: OneVuex's AI finds all content related to a subject in one search without recalling filenames or their locations. Information is automatically gathered, captured, and composed with connections to sources in one click.



Security: OneVuex **extends security and Zero Trust Policies** to all connected applications, platforms, systems, and devices, providing the most advanced security system.

OneVuex – A Unified Approach to Cloud Migration

Get all the tools and guidance you need to plan and implement your move to the cloud.

With OneVuex and Azure Migrate, start your migration by discovering and assessing on-premises resources then plan your move with technical and business insights into infrastructure, databases, and applications. Migrate to Azure in phases and modernize for faster innovation and a higher ROI. For organizations that must maintain a portion of their on-premises solutions, the alternative is to configure a hybrid environment. OneVuex integrates Microsoft Fabric, creating specific connections to on-premises and cloud data, providing singular related and referenceable data in a single view with analyses.

OneVuex with Microsoft



Unify Your Data Estate

Establish an **open and lake-centric** hub that helps data engineers connect and curate data from different sources, eliminating sprawl and creating custom views.



Manage Powerful AI Models

Accelerate analysis by developing AI models on a single foundation **without data movement**—reducing the time data scientists need to deliver value.



Empower Everyone in Your Business

Innovate faster by helping everyone in your organization act on insights from **within Microsoft 365 and other vendor apps**.



Govern Data Across Your Organization

Responsibly connect people and data using an open and scalable solution that gives data stewards additional control with **built-in security, governance, and compliance**.

Microsoft Fabric

All Your data



Power BI

Find insights, track progress, and make decisions faster using rich visualizations.

In One Location



Data Factory

Solve the most complex data integration and ETL scenarios with cloud-scale data movement and data transformation services.

Organize



Data Activator

Take action automatically when changing conditions are detected in your data.

Collaborate



Synapse Data Engineering

Create a lakehouse and use Apache Spark to transform and prepare organizational data to share with the business.

Create



Synapse Data Science

Explore your data and build machine learning models to infuse predictive insights into your analytic solutions and applications.



Synapse Data Warehouse

Scale up your insights by storing and analyzing data in a secure open-data-format SQL warehouse with top performance at PB scale.



Synapse Data Warehouse

Rapidly ingest, transform, and query any data source and format, from 1 GB to 1 PB and then visualize and share the insights.

Hyper-Jump to the Next Level of Innovation

OneVuex integrates content, data, and **functionalities** of Microsoft and other vendor apps and platforms with AI, creating new power and capabilities. Work smarter, access all the right information, contacts, and communications when you need it.

Examples of Advanced Functionality:

OneVuex runs the code of all connected technologies as a singular solution – constantly innovating as new technology is introduced and integrated

With the integration of Microsoft AI, OneVuex creates **Digital Subject Cards**, organizing related information (files, folders, emails, media, topics, web content, contacts, etc.) so all sources of content are accessible in a single record

OneVuex and Microsoft's AI recognize **topics** across content and conversations. OneVuex's unique coding connects topics to Digital Subject Cards, other Topics, files, learning modules and more.

OneVuex performs semantic searches across all systems – apps, platforms, files, folders, emails, media, topics, Teams, contacts, and the internet, producing results specific to the request, w/o remembering filenames or their locations

With permissions, data in Platforms like SQL, IBM, and Oracle, etc. can be accessed, managed, edited, and shared in OneVuex, reflecting changes at the source

Information in Platforms like SQL, Salesforce, IBM, and Oracle can be automatically related/connected to M365 files, Power BI data, and other information

OneVuex's code directs Microsoft security to recognize other vendor technology, extending protection to all connected solutions

OneVuex securely shares libraries, folders, or files external to the organization, collaborating as an extended team

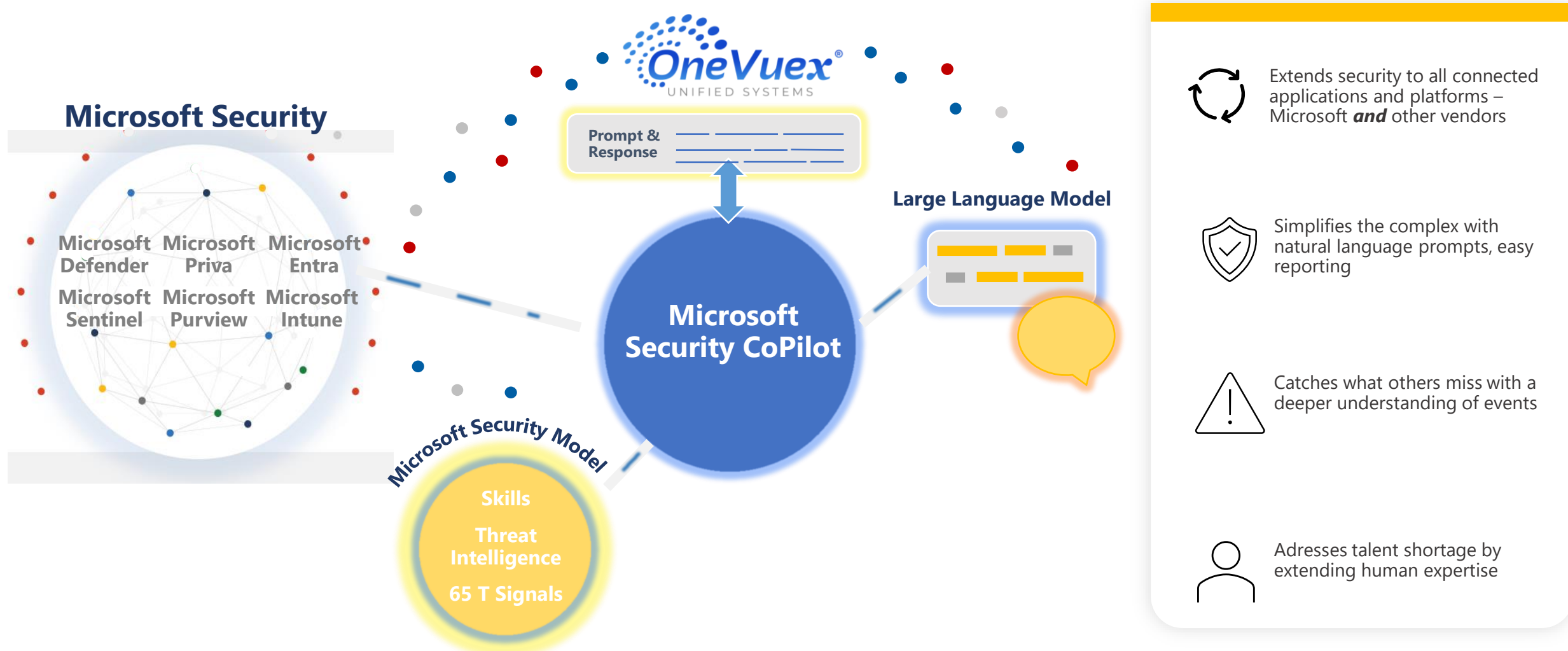
Information in on-premises and legacy systems is accessible via mobile devices



The Future is Now With OneVuex

Defend Data, Systems, People, and Devices at Machine Speed

OneVue^x Unified Systems and Microsoft Security Copilot are completely redefining and redesigning security across the digital landscape. Specifically, how does responsible AI defeat or protect your organization from the irresponsible use of AI? OneVue^x is ahead of the arms race against cybercrime by understanding and participating in the development of AI with Microsoft to design the framework to defend an organization from all Advanced Threats whether they are AI generated or among the multiple conventional methods of hacking. With OneVue^x and Microsoft technology, businesses can rest assure that their data is managed and stored in the most advanced technology available to keep their organization and data safe.



OneVuex With Microsoft Security Copilot

OneVuex with Microsoft Security Copilot combine the power of **Large Language Models, AI, and Microsoft Security Systems** with **OneVuex's Code Integration Technology**, empowering security operations teams to detect and respond to cyberthreats with simple prompts. Copilot taps into insights generated from **Microsoft's threat intelligence**, and synthesizes data from multiple sources into clear, actionable insights, responding to incidents in minutes instead of hours or days. **OneVuex extends Microsoft Security to all applications and platforms** connected to the OneVuex interface, protecting your operations through a single pane of glass.

How OneVuex and Microsoft Security Copilot Works

1. Turn Questions into Action



Ask security copilot questions in natural language and receive actionable responses.

2. Security Posture Management



Discover if your organization is susceptible to known vulnerabilities and exploits.

Prioritize risks and address vulnerabilities with guided recommendations.

3. Incident Response



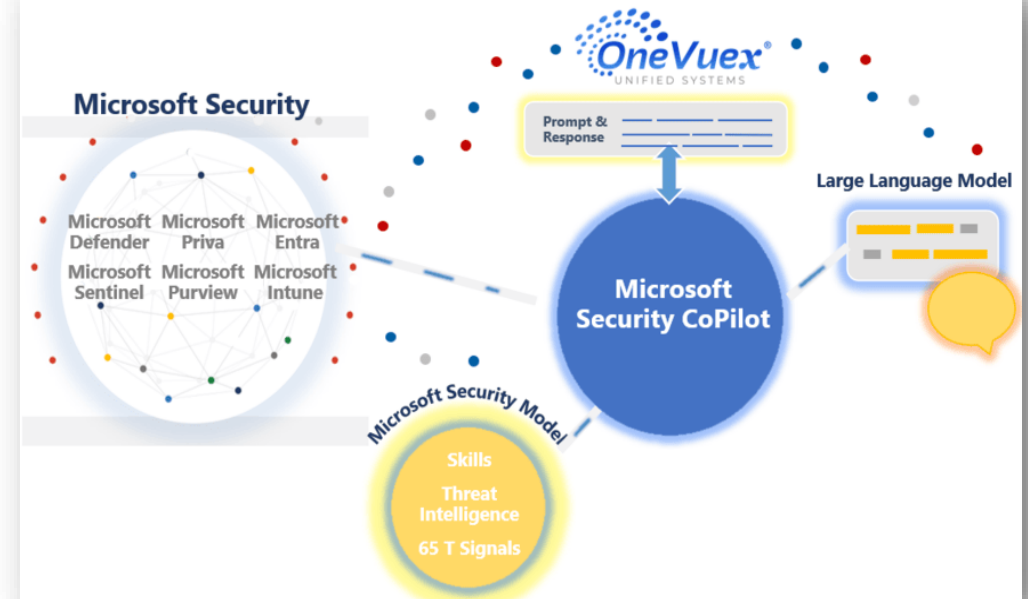
Identify an ongoing cyberattack, assess its scale, and receive instructions for remediation based on proven methods from real-world cybersecurity incidents.

4. Security Reporting



Summarize any cybersecurity event, incident, or threat in minutes and prepare the information in a ready-to-share, customizable report for your desired audience.

OneVuex and Microsoft Security Copilot



OneVuex takes computing to the next level, combining, expanding, and extending innovations across your organization in a single solution.



OneVuex – New Age of IT

OneVuex and Microsoft provide more powerful computing with less complexity, eradicating out-of-control costs associated with the management, upkeep, and uncertainty of outdated IT. **The inclusion of the latest in generative AI**, makes work almost effortless. Users **move from theory and ideas to engagement, application, and realization – in one or two clicks**.

Now networks are designed with a push of a button, deployed throughout the entire organization. **IT infrastructure is digitally standardized in the Cloud, reducing** the need for **IT specialists** and **outdated skill sets**.

IT is free to **focus on innovation**, instead of managing and repairing obsolete systems.

Experience **dramatic cost reductions, control your IT budget** and **maximize productivity and your ROI**.

How much could your organization save if you could eliminate...



Up to
40%
or more
in savings



LAN/WAN



On-premises |
Legacy Systems



Outdated
Security



Separate
Storage



Back-up



Remote
Access



Device
Management



Unexpected IT
Maintenance

Transition at your own pace, with no disruptions to your business.

Discovery Analytics – Evaluation for Actionable Insights

To optimize your technology investments, you need objective guidance to reduce risk and plan intelligently for your digital transformation journey. Working with Microsoft, we employ a team of IT asset managers, software licensing experts, system administrators and cloud engineers to analyze your organization to customize and optimize your plan. Here's what we provide:



Cloud Enablement Assessment

Define the costs, risks and readiness for migrating workloads to the cloud

Get a complete inventory of your current infrastructure or specific workloads. Get data-driven insights on your migration strategy, total operating costs and technology benefits.



Server Optimization Assessment

Reduce your server footprint and maximize software licensing

Improve **operational** performance and reduce licensing costs. Shrink your hardware footprint, right-size licensing and get the insights to create a server modernization plan that fits your business.



Modern Workplace Assessment

Empower people with the latest integration, collaboration, and productivity solutions

Create a roadmap to embrace the right OneVue^x – Microsoft 365 productivity solutions for your business. Receive recommendations and licensing options based on the requirements of your people and business.



Cybersecurity Assessment

Gain visibility to your overall state of cybersecurity

Receive comprehensive analysis and clear recommendations to reduce cyber risk, minimize attack surfaces, and improve the overall security of your enterprise.



Software Vendor Risk Analysis

Proactively manage software audit risk

Defend against vendor license audits. Understand your software portfolio, where you may be out of compliance and the steps you can take to reduce audit risk to your business.



Software Licensing & Compliance

Stop paying for licenses you don't need

Ensure you are properly licensed with an agreement that fits your budget. Prepare for contract renewals, right-size maintenance and support and defend against vendor audits.



OneVuex Professional Direct Support

The most comprehensive customer and technical support offering

With OneVuex Professional Direct Support we're with you every step of the way.

OneVuex and Microsoft provide the most comprehensive support plan to ensure your success as you transform to the Modern Workplace. We start with a customized digital transformation roadmap specific to your business. If any issues arise, Microsoft Engineers provide expedited services. To support your team, we offer comprehensive training, and we help you plan for future innovations.

Here's what you can expect:



Customized Digital Transformation Plan

- ✓ OneVuex and Microsoft Engineers for planning, implementation, deployment, migration, optimization, and maintenance
- ✓ Microsoft Security Risk Detection
- ✓ Workload Optimizations
- ✓ Design Assessments
- ✓ Technical Implementation Assistance



Customer and Technical Support

- ✓ Designated Microsoft Support Engineering
- ✓ Priority Queue Access to Microsoft Support Engineers
- ✓ 24-7 Break-fix Support for OneVuex and Microsoft Cloud, Hybrid and On-premises Solutions and Services



Optimization Plan

- ✓ Proactive Service Communications to identify service issues and minimize disruptions
- ✓ Access to best practices, reference architectures, and additional resources to envision new solutions
- ✓ On-line | On Demand Training

As digital transformation accelerates, you must innovate faster and be more agile in today's competitive marketplace.

Leveraging the best, flexible customer and technical support plan and personalized services is paramount to making the most of your technology investments. That's what **OneVuex Professional Direct Support and Microsoft deliver.**

**Bass
International
Software**

About Us

Microsoft technology solutions are available only through a limited number of Microsoft Partners capable of delivering AI innovations, utilizing their unique IP and services. Because of the specialization required, Microsoft works with only 200+ partners across the globe of which Bass International Software is one.

We are a Microsoft ISV, Microsoft AI Cloud Partner, and Associate member of the Microsoft Content AI Partner Program serving on 7 Microsoft Research Panels. We create customized tech innovations that transform your business with AI | Digital Technology, delivering unrivaled power, escalating productivity and revenue, eliminating outdated IT, and lowering operational costs.

**Delivering AI Driven
Custom Integration
Solutions**



<https://onevuex.com>

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Ready to Transform to the Modern Workplace?

Next Steps

- ➔ Questions?
- ➔ Schedule a Demonstration
- ➔ Learn more: <https://onevuex.com>

Appendix



OneVuex Integrates Applications, Platforms, & Systems Through a Single Interface

| OneVuex Unified Systems | Microsoft Solutions | | Other Vendor Solutions |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• OneVuex Integrated AI• OneVuex Customized Connection Strings• OneVuex Integrated Analytics• OneVuex Integrated Document Management Services• OneVuex Intelligent Subject Management Services• Customized per Industry | <ul style="list-style-type: none">• Microsoft 365 Services• Azure Platform Services• Azure Active Directory Services• Microsoft Security Services• Microsoft Analytics• SharePoint online and on-premises (connected or separate)• Microsoft HoloLens data and file integration | <ul style="list-style-type: none">• Microsoft AI – Topics• Microsoft Integrated Analytics• Integrated Chat GPT• Microsoft Azure SQL or SQL on-premises (connected or separate)• Microsoft Intune for integrated Mobility and MDM | <ul style="list-style-type: none">• IBM Cloud Services• IBM Watson for Healthcare• IBM DB2• IBM Informix• IBM Cognos• Oracle Cloud Integration• Oracle Databases (on-premises)• Salesforce Platform• Amazon Cloud Services• Red Hat Platform Cloud Services• Quick Books Small Business and Enterprise• Operable on Apple IOS |