INTERNATIONAL ROLL-CALL® CORPORATION

PRESENTS THE

VSCU-1000

A MODERN VOTING SYSTEM FOR LEGISLATIVE CHAMBERS

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INTERNATIONAL ROLL-CALL® CORPORATION
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VSCU-1000: A MODERN VOTING SYSTEM CONTROL UNIT FOR TODAY'S LEGISLATIVE CHAMBERS

Legislative chambers operate in environments defined by tradition, precision, and accountability. While procedures and physical spaces often remain unchanged for decades, the technology that supports voting and legislative action must evolve to meet modern expectations of reliability, serviceability, and security.

For many chambers, legacy voting system control units have continued to function well beyond their original design life. However, as systems age, the risks associated with outdated architectures, limited parts availability, and increasing maintenance complexity grow significantly. International Roll-Call® Corporation (IRC) developed the **VSCU-1000 Voting System Control Unit** to address these challenges while preserving the proven principles that legislative voting systems depend on.

Background and Design Philosophy

Since 1936, IRC has focused exclusively on delivering voting and legislative process solutions for state legislatures, local governments, and the U.S. House of Representatives. Every IRC product is designed around the specific operational needs, procedural rules, and institutional traditions of legislative bodies.

The VSCU-1000 represents the evolution of IRC's long-standing system control architecture. Rather than introducing experimental technology or consumer-grade platforms, the VSCU builds upon IRC's trusted home-run architectural model and modernizes it with simplified hardware, standardized cabling, and improved diagnostics.

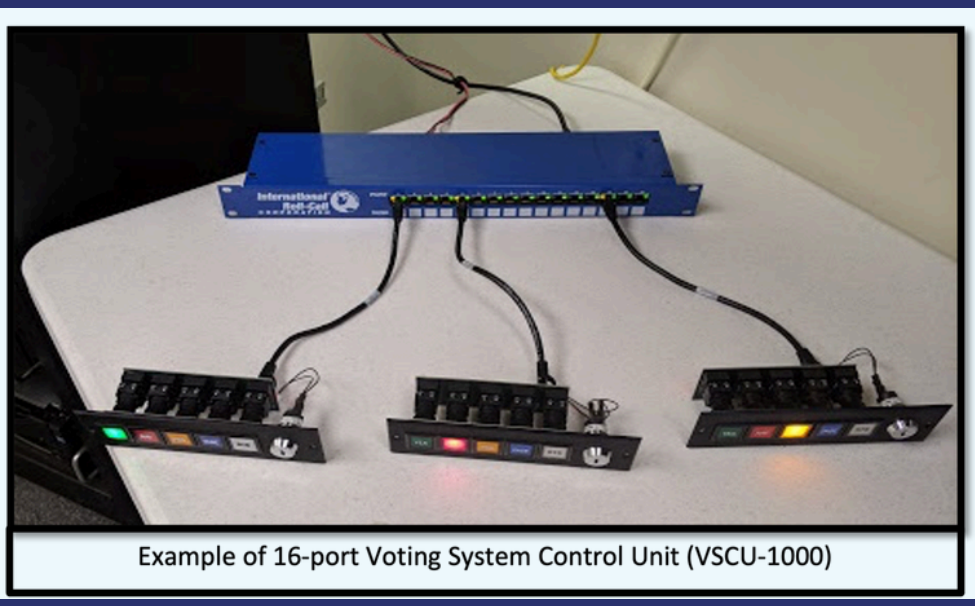
Now installed in over 38 legislative chambers across the United States, the VSCU-1000 Member Desk Voting Solution delivers secure, reliable, and fully integrated voting and chamber automation trusted by legislatures at every scale—from smaller assemblies to the nation's largest state houses. By adopting the VSCU-1000, chambers position themselves for the future with a voting system control platform capable of supporting legislative operations for decades to come.

Overview of the VSCU-1000

The VSCU-1000 is a compact, modular, closed-network voting system control unit designed to connect to sixteen (16) Member desks per unit. Housed in a 1U form factor case, each VSCU-1000 functions similarly to a modern network switch, consolidating what previously required large cabinets of custom electronics into a clean, serviceable platform.

Each Member voting console connects directly to a dedicated port on the VSCU-1000 using standard CAT5 or CAT6 cabling. This one-desk, one-connection architecture allows each console to acquire its identity based solely on its physical connection, eliminating the need for addressing, daisy-chained cards, or complex configuration.

An IRC VSCU-1000 voting system control unit (shown below) connects and processes data from up to 16-Member desk consoles, as shown below.



Example of 16-port Voting System Control Unit (VSCU-1000)

Key Features and Benefits

Simplified System Architecture
- Consolidates voluminous legacy rack components into compact, modular control units
- Uses standard CAT5/CAT6 cabling with RJ-45 connectors
- Reduces overall system footprint and wiring complexity

One-Desk, One-Connection Reliability
- Each voting console connects to a dedicated VSCU-1000 port
- Eliminates daisy-chaining and shared failure points
- Ensures consistent, predictable communication paths

Faster Troubleshooting and Service
- Clear port-level status indicators provide immediate visibility
- Fault isolation is simplified to individual desks or connections
- Units and components can be replaced in minutes rather than hours

Secure, Wired Voting Integrity

- Maintains IRC's proven wired, closed-network voting architecture
- Requires full vote handshakes before votes are registered
- Avoids risks associated with wireless or tablet-based systems

Long-Term Supportability

- Built on modern, serviceable hardware
- Designed for ease of maintenance and future scalability
- Reduces reliance on aging, hard-to-source components

Operational Impact for Chambers

For clerks, IT staff, and chamber operators, the VSCU-1000 significantly improves the day-to-day ownership experience. System health is easier to assess, desk issues are faster to diagnose, and routine service no longer requires navigating dense wiring or circuit-card-level dependencies.

Because the VSCU-1000 preserves the established voting workflow and integrates with IRC's existing xmLegislator™ voting software, chambers gain these operational benefits without altering how votes are conducted or displayed.

The Upgrade Process at a High Level

Upgrading from a legacy SCU system to the VSCU-1000 is a structured and collaborative process designed to align with legislative schedules and operational priorities. IRC works closely with chamber staff to plan the transition, coordinate system removal and installation activities, and ensure continuity of operations throughout the project.

The process typically includes removal of the legacy system control equipment, installation of the VSCU-1000 units, updates to supporting infrastructure as needed, and full system configuration and testing. Before the system is placed into service, IRC conducts comprehensive validation to confirm that every desk, vote, and peripheral function operates as expected.

The goal is a seamless transition to a modern voting platform with minimal disruption to chamber activity.

Single 16-port VSCU-1000 Device

THE VSCU-1000 REFLECTS IRC'S COMMITMENT TO RELIABILITY, INTEGRITY, AND LONG-TERM PARTNERSHIP WITH LEGISLATIVE INSTITUTIONS. FROM SYSTEM DESIGN TO INSTALLATION AND ONGOING SUPPORT, IRC PROVIDES END-TO-END SERVICE BACKED BY NEARLY A CENTURY OF LEGISLATIVE EXPERIENCE.

WHETHER A CHAMBER IS PROACTIVELY PLANNING FOR THE FUTURE OR RESPONDING TO INCREASING SYSTEM RISK, IRC STANDS READY TO DELIVER A VOTING SYSTEM CONTROL SOLUTION THAT MEETS THE HIGHEST STANDARDS OF LEGISLATIVE PRECISION AND TRUST.

PARTNER WITH INTERNATIONAL ROLL-CALL® CORPORATION

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