

## Mission Statement

The 7x24 Exchange Northwest Chapter's mission is to provide an open educational forum dedicated to the continuous improvement and increased awareness of data center reliability by focusing on the key disciplines of design, construction, maintenance, security and management with the goal of obtaining continuous data center operations.

## Winter/Spring Chapter Session



### Physical Threat Monitoring in the Data Center

Chris Gaskins of APC, Product Line Manager for Environmental and Security Products presents an overview of new technologies for maintaining visibility into the data center physical security environment. For more information, visit APC's Security Products website: <http://www.apc.com/products/category.cfm?id=17>



### Dependent Failures in Critical Facilities

Doug Bors, President of Sophometrics, presenting case studies of dynamic and dependent failures in critical infrastructure systems and an explanation of the analytical methods used to determine root causes of failure.



### Power Chain Auditing

Alan Chiste, Regional Power Quality Products Manager, Eaton Power Quality Corporation, gives an overview of a systematic approach to power chain analysis for data center operations.

## Chapter News – New Members

Please welcome the following new members to the 7x24 Exchange Northwest Chapter.

Kay Benefiel, Poe Construction  
Ray Osburn, Seattle Goodwill  
Colin Baxter, Audio Acoustics  
James Reid, T-Mobile  
Fawn Sieger, Access Floor Corporation  
Andrea Woodland, IDC Architects  
Tom Boysen, University Mechanical  
Jim Bachaud, Siemens  
Rick Freeman, Stay' N Power

Jim Gylling, Gylling Consulting  
John Rimer, Washington Mutual  
John Sasser, Sabey Data Center  
Ben Iwen, Johnson Barrow  
Tony Sieger, Advanced Technology Construction  
Michael Esslinger, TAC Abacus  
Karen Dines, Advanced Technology Construction

# Symposium: Mission Critical Roundtable

Date: Tuesday, September 19, 2006 3:00 pm to 7:00 pm

<b>Agenda:</b>	3:00 pm	Board of Directors Meeting
	3:30 pm	Networking
	4:00 pm	Next Generation Blade Server Thermal Design and Management
	5:00 pm	Break
	5:30 pm	Fisher Plaza Overview and Tour
	6:15 pm	Effective Airflow Distribution in Server Cabinets

**Location:** Fisher Plaza – Main Reception Desk  
140 Fourth Avenue North  
Seattle, WA 98109



## **Next Generation Blade Server Thermal Design and Management**

***Ken Baker, Blade System Infrastructure Technologist  
Hewlett-Packard***

An overview of next generation blade server thermal design and management and how these developing technologies will help reduce power and cooling costs in data centers.

## **Fisher Plaza Overview and Tour**

***Ed Doyne, Director of Customer Development  
Fisher Plaza***

Fisher Plaza is the only business community in the Northwest that combines Class A office, data center and retail space with 21<sup>st</sup> century communications and media services. The result is a dynamic environment that offers forward thinking companies every business advantage. State-of-the-art systems and building infrastructure make this property one of the most secure and resilient facilities in the nation.

**FISHER PLAZA**   
Every business advantage

## **Effective Airflow Distribution in Server Cabinets**

***Mark Niehus, Principal  
Sentric Technologies***

Most data centers do not have “cooling” problems, they have “air distribution” problems. Traditional air conditioning systems do a good job of keeping ambient air temperatures in the correct range but are not effective in providing the correct air distribution to critical equipment.

Mark will present details on a new cabinet level cooling solution that has been proven to effectively dissipate up to 10 kva of heat from electronic equipment. Mark will also discuss other products that can reduce airflow restrictions in the raised floor plenum.



Refreshments for this event courtesy of Callison.

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8/30/2006

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## Mission Critical Roundtable



### Parking Directions

Fisher Plaza is offering a special discounted rate of \$5.00 for the evening. Enter the Fisher Plaza parking garage from John Street. Take the public elevators to the Main Lobby and sign in at the Reception Desk.

### RSVP

RSVP to Doug Bors at Sophometrics no later than Wednesday, September 13, 2006. You can only qualify for the discounted parking rate if you register for this event. Doug can be reached at:

T: (206) 963-3077

Email: [dbors@sophometrics.com](mailto:dbors@sophometrics.com)

## Membership

The 7x24 Exchange Northwest Chapter encourages membership from all disciplines involved in the design, construction, and operation of critical facilities. Vendors, consultants and users can benefit from the broad range of perspectives and technology awareness our members provide. Our chapter offers two levels of membership, individual and corporate. An individual membership is available for \$50.00 per year and a corporate membership is available for \$200.00 per year. A corporate membership allows you to have as many people in your company be members for one low price.

The easiest way to become a member is to register on line at our website: [www.7x24nw.org](http://www.7x24nw.org), look for the Membership page. Fill out the form, click submit, and our membership coordinator will contact you right away. It's that easy!

We invite interested people to attend one session free of charge to see if you like to presentations and the organization. Bring a colleague, a client, or a vendor to the next meeting and introduce them into this dynamic group.

## Calendar – Upcoming Events

### September 19, 2006

7x24 Exchange Northwest Chapter  
Fall Session  
Fisher Plaza, Seattle, WA

### November 12 – 15, 2006

7x24 Exchange  
National Fall Conference  
Hyatt Regency Scottsdale at Gainey Ranch  
Scottsdale, AZ  
Go to [www.7x24exchange.org](http://www.7x24exchange.org) for more information.

### February, 2006

7x24 Exchange Northwest Chapter  
Winter Session  
Annual Business Meeting & Election of Officers

Date and Location to be determined.

## Officers and Committees

### President

Doug Bors, PE  
Sophometrics  
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### Vice President

Bill Hunter  
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### Treasurer

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### Secretary

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