



# DETROIT NORTH DATA CENTER



# OVERVIEW

## FUTURE-PROOF YOUR BUSINESS WITH THE DETROIT NORTH DATA CENTER

Protect your valuable IT assets. Build out a high-performing hybrid IT strategy. Implement a reliable disaster recovery plan. Leverage cost-effective off-site data storage. Boost your business's efficiency, productivity, and innovation with low-latency, secure IT services, including cost-effective, flexible cloud services.

**It's all available at US Signal's newest data center — the [Detroit North Data Center](#).**

Conveniently located between I-75 and M-59, the Auburn Hills Data Center is a US Signal data center that provides secure, reliable colocation, and cloud services.

The Detroit North Data Center is also directly connected to US Signal's robust, secure network, providing you with greater network security and connection options.

### Nothing But the Best

Designed to Tier 3 standards, the Auburn Hills Data Center features best-of-breed equipment, leading-edge technologies, and industry best practices for security and data center operations.

All critical facility components are redundant, and efficient cooling solutions keep temperature and humidity levels consistent. Tested storm and emergency preparedness plans and multifaceted recovery plans are in place to help minimize service disruptions and ensure continued operation.

## Features:

- + N+1 cooling system with hot aisle/cold aisle design
- + Biometric security to assure only those individuals who are granted access may enter the facility
- + Availability onsite for US Signal's full cloud services product offerings
- + Designed to Tier 3 standards
- + N+1 back-up power systems
- + Diverse fiber feed interconnecting thousands of route miles of US Signal-owned fiber for resilient, redundant regional, state, and national connectivity
- + Onsite and remote operation center management & control facility
- + Staffed 24/7/365
- + Easy access to major thoroughfares (airport, highway systems, etc)
- + Raised data center floor and VESDA fire suppression
- + Well-planned location away from areas prone to natural disasters
- + Two utility power lines feeding the building

# YOUR IT TRANSFORMATION STARTS HERE

Take advantage of US Signal's in-demand, reliable products and services to meet your specific IT and business needs. If IT transformation is on your list, this is the place to start.



## CLOUD

US Signal's Cloud options provide clients with a comprehensive range of cloud services that can be customized to meet their specific needs. US Signal offers scalable solutions that can help organizations meet regulatory compliance standards such as HIPAA and PCI.

- + Single Tenant Cloud
- + Multi-Tenant Cloud
- + Object Storage
- + File Storage + Hosted VDI



## IT SERVICES

US Signal Professional Services offer a range of customized and flexible solutions to optimize and streamline current server environments for clients. As experts in migration and server operating system installation, we provide timely and cost-effective services to ensure a hassle-free transition to US Signal Cloud Services. Our team of certified professionals bring in-depth knowledge and experience to support our clients' business continuity and growth needs, enabling them to focus on their core operations.

- + Monitoring & Patching
- + Data Protection
- + Patch Management
- + IaaS Operations
- + Cloud Migration & Onboarding



## DATA PROTECTION

US Signal offers a comprehensive suite of Data Protection products and services to ensure that your business-critical data is always available and secure. With our state-of-the-art data centers and trusted expertise, you can have peace of mind that your data is protected and recoverable in the event of a disaster.

- + Backup as a Service
- + Microsoft 365 Backup Services
- + Cloud Backup for Veeam
- + DRaaS for VMware
- + Cloud Replication for Veeam
- + Data Management for Cohesity
- + DRaaS with Zerto
- + Enterprise Data Replication



## SECURITY

US Signal offers a comprehensive suite of security products and services to ensure the confidentiality, integrity, and availability of customer data. Our offerings are designed to cater to the specific security requirements of businesses across diverse industries and are backed by our team of experts who utilize the latest technology to provide round-the-clock protection.

- + Managed MXDR
  - + Web Application Firewall
  - + Advanced Email Security
  - + SOC Analysis
  - + Virtual SOC
  - + Virtual CISO
  - + DDoS Protection
  - + Managed Firewall
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## COLOCATION SERVICES

US Signal offers data center space, power, security, and environmental infrastructure for colocation of customer-owned equipment. Customers can choose to deploy their equipment in US Signal's standard cabinets or, they may elect to have a US Signal solution architect design a custom cabinet or cage to meet specific equipment, power, and/or security requirements.

### STANDARD CABINETS

- + 78x30x48 in, 42U Data Cabinet
- + Scales from ½ cabinet to many clustered whole cabinets

### CUSTOM CAGE

- + Many custom integrated security and power options
  - + Scales from 100 square feet to thousands of square feet
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## NETWORK SERVICES

US Signal network services offer maximum bandwidth utilization, reduced downtime, and worry-free, secure connectivity. The US Signal network's built-in redundancies make the difference, with a network topology, protocols and multi-level security to ensure the reliability you need to keep your business up and running.

- + Optical Wave services (2.5, 10, 100Gbps)
  - + Layer 2 Ethernet services (1Mbps to 100 Gbps)
  - + Layer 3 MPLS services (1Mbps to 100Gbps)
  - + Direct Internet Access - IPv4 and IPv6 - (1Mbps to 100Gbps)
  - + Private connections to major cloud providers
  - + Peering relationships with tier one providers in the United States
  - + MEF Certified Ethernet Transport
-

# EASE THE BURDEN OF COMPLIANCE

Leverage US Signal's audited IT infrastructure, security controls and processes to help meet many of your company's compliance requirements. Our data centers are regularly audited for compliance with numerous regulatory requirements and industry standards, including these:

## SSAE 18 SOC 2 TYPE 2

BDO Siedman audits US Signal annually for the SOC 2 report. US Signal's annual audit window is July 1 through June 30 with the report being released each summer. The report is available for customer review.

## HIPAA COMPLIANCE

US Signal has been audited by an external auditor and found to be HIPAA compliant. US Signal implements the institutional, administrative, and technical controls required to be able to sign a Business Associate Agreement with customers. The report is available for customer review.

## PCI DSS

US Signal has been audited by a Qualified Security Assessor (QSA) on over 400 controls and meets the relevant PCI DSS requirements. US Signal works quarterly with our QSA to maintain ongoing compliance. A new Attestation of Compliance is issued each August.

## CRIMINAL JUSTICE INFORMATION SYSTEM POLICY

US Signal has conducted a self assessment in accordance with the Criminal Justice Information System (CJIS) Policy version 5.7. US Signal has the necessary security controls and administrative safeguards in place to support the deployment of law enforcement systems in the US Signal cloud environment.

## EXTERNAL PENETRATION TESTING

US Signal engages an external third party auditor to conduct external penetration testing. The testing covers physical security, social engineering, and network penetration testing. For security reasons, test results are confidential, but an attestation of testing is available.

## SECURITY PROGRAM MATURITY TESTING

US Signal contracts with a qualified third party Security Assessor to conduct Security Program Maturity testing. The testing covers physical security, social engineering, and network penetration testing. **Program Maturity Assessment of the US Signal Information Security Program** - The assessments are based on the National Institute of Science and Technology Cyber Security Framework (NIST-CSF) Each quarter, US Signal's Information Security program is reviewed and benchmarked against best practices for Information Security Programs. All results are reported on to US Signal's senior management and any potential findings are tracked through completion.

## SOC 2

US Signal operations, facilities, and procedures has been audited by BDO Siedman validating it adheres to the SSAE 18 SOC 2 control criteria. Within this third party attestation, US Signal has also included the Trust Service Criteria for Security and Availability in regards to the processing of customer data.

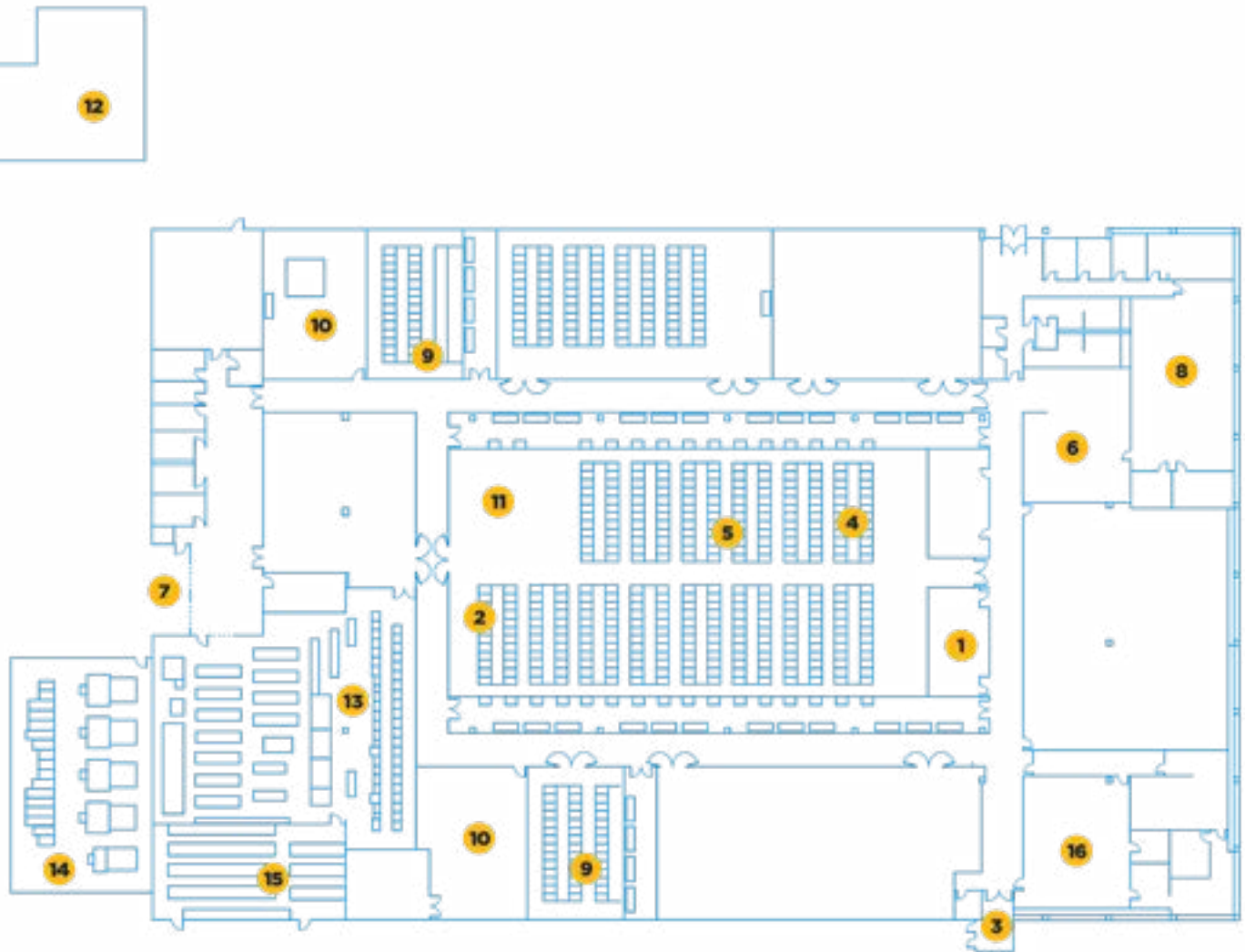
## GENERAL DATA PROTECTION REGULATION & PRIVACY SHIELD

US Signal has certified under the US/EU and US/Swiss Privacy Shield frameworks and complies with the principles of Privacy Shield and the EU Model Clauses. A Data Protection Officer is appointed as an independent member of the US Signal Management Team to be the subject expert and independent auditor addressing privacy. US Signal has implemented the necessary institutional controls and policies, in addition to having trained employees on the handling of private and sensitive data. US Signal's Privacy Policy is available for review at: [ussignal.com/privacy-policy](https://ussignal.com/privacy-policy).

## INSURANCE

US Signal maintains various insurance policies as required by law, including General, Property, Auto, Workers Compensation, Pollution and Cyber Liability including Errors and Omissions. Details of these insurances are available upon request.

# SECURE AND EFFICIENT BY DESIGN



- 1. Conference Room
- 2. Cabinet
- 3. Man-trap
- 4. Hot Aisle
- 5. Cold Aisle
- 6. Collab Space
- 7. Loading Dock
- 8. Offices
- 9. Network Room
- 10. Carrier Meet Me Room
- 11. Raised Floor
- 12. Generator Building
- 13. UPS room
- 14. Substation Yard
- 15. Battery Room
- 16. TOC Suite

# EVERYTHING YOU WANT IN A DATA CENTER AND MORE

## SECURITY & RISK

- + Locked cages and cabinets
- + Data center guidelines for all customers
- + Available escorted access
- + 24 x 7 x 365 onsite, technical support
- + Digital video surveillance with 90 day retention
- + Biometric iris scanners (in and out)
- + Very low occurrence of natural disasters
- + Raised data center floor

## POWER

- + Two individual 4MW utility power feeds
- + Five 1.5MW generators, N+1 design
- + Redundant transformers
- + 4MW UPS capacity, 2N design
- + N+1 data center architecture

## HIGH AVAILABILITY

- + Multiple independent fiber entrances
- + Electrical feeds designed at 2N
- + 48-hour generator run time
- + VESDA fire suppression
- + Network provider diversity
- + TIA 942 tier 3 equivalency
- + HVAC redundancy — N+1
- + Backup generator redundancy — N+1
- + UPS & backup generator capacity — 1:1 with utility feeds

## OPERATIONAL STANDARDS

- + Staffed 24 x 7 x 365
- + Scheduled proactive battery maintenance and testing
- + Scheduled proactive generator maintenance and testing
- + Scheduled proactive HVAC maintenance
- + Facility alarm system
- + Facility remote monitoring



# WE'RE WHERE YOU NEED US TO BE



## US Signal Data Centers

- + Oak Brook, IL
- + South Bend, IN
- + Indianapolis, IN
- + Indianapolis North, IN
- + Madison, WI
- + Grand Rapids East, MI
- + Grand Rapids South, MI
- + Southfield, MI
- + Detroit Metro, MI
- + Detroit North, MI



## ABOUT US SIGNAL

US Signal is a leading data center provider, offering connectivity, cloud hosting, data protection, and disaster recovery services — all powered by its wholly owned and operated, robust fiber network. US Signal also helps customers optimize their IT resources through the provision of managed and professional services.

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