John Borhek

+1 928 221 0869   john@johnborhek.com   linkedin.com/in/john-borhek

"Say what you are going to do, do what you said, then document what you did."

CAREER MILESTONES

2019 **Designed and led team during deployment of full-stack Mission-Critical GxP Infrastructure for Biomedical Process Control on <u>Novartis Kymriah Leukemia Therapy</u>**
- Advised Stakeholders in establishing User Requirements and Specifications
- Improved ratio of HMI's to Biomedical reactors from 1:1 to 1:22 or greater
- Accepted by client on less than 120 days after PO

2018 **Developed comprehensive <u>IaaS MultiCloud Compute Platform</u>, based on coalition of vendors including: VMware, Cisco, Microsoft**
- True VMware Certified Cloud (vCPP®) with single-tenant root access
- Fixed and guaranteed 36 to 60 Month TCO for clients

2016 **VMSources 2016 revenues pass $1.34M**

2014 **Managed team through conversion of commercial office space to multi-tenant "Five Nines" Data Center and hosting facility**
- Acceptance by System Owner 180 days following approval
- ISO 27001 and SSAE16 SOC Type 2 <u>audited June 30, 2014 with no exceptions noted</u>
- 2014-2019 uptime record: <u>Greater than 99.999</u>

VMSources 2014 revenues pass $750K

2012 **The first known application of a hyperconverged "Bubble Network" to a DR Scenario**
- <u>Worked in Manhattan through Hurricane Sandy</u> assisting recovery operations

VMSources 2012 revenues pass $500K

2011 **Contracted by Novartis to define GMP Compute environment separation methodology for VMware vSphere**
- Defined in-cluster separation for: Development, Quality Assurance, Production
- Roadmap used in subsequent vSphere deployments by Novartis

VMSources 2011 revenues pass $250K

2010 **Cofounded VMSources Group Inc.**
- Entire Capital basis: $20K loan

VMSources 2010 revenues: $80K

EMPLOYMENT HISTORY

2010 - 2019 VMSources Group Inc.
- 2010 - 2019 Lead Solutions Architect
- 2014 - 2019 IT Director and Hosting Manager

2006 - 2009 Independent Contractor, Solutions Architect, VMware Consultant

SKILLS

Datacenter Management (DCIM)
● ● ● ● ●

Stakeholder Engagement
● ● ● ● ●

Writing & Content Creation
● ● ● ● ●

Infrastructure Design
● ● ● ● ●

Project Management
● ● ● ● ●

Critical Thinking
● ● ● ● ●

IT Service Management (ITSM)
● ● ● ● ○

Digital Communication
● ● ● ● ○

Teamwork
● ● ● ● ○

Business Continuity (BCDR)
● ● ● ● ○

IT Administration
● ● ● ○ ○

CERTIFICATIONS

VCP3 - 6.7 #45078
VTSP, VSP

LANGUAGES

English (native, articulate fluency)
● ● ● ● ●

Spanish (recent, immersive, basic)
● ● ◑ ○ ○

German (Zertifikat Deutsch als Fremdsprache, 1988)
● ● ○ ○ ○

EDUCATION

1991 - 1992
  Northern Arizona University
1989 - 1991
  Rochester Institute of Technology
1987 - 1989
  Goethe Institut

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PUBLICATIONS

BOOKS

- **Cloud Computing From The Ground Up**
  Synopsis: A complete step-by-step training manual for Infrastructure as a Service (IaaS) with VMware vSphere (810 Pages) ©2009 JBorhek ©2010-19 VMS

- **VMware Horizon View Virtual Desktop Infrastructure**
  Synopsis: Deploy Virtual Desktop Infrastructure using VMware Horizon View deployed on VMware vSphere   (271 Pages) ©2013-19 VMS

- **Business Continuity and Disaster Recovery with VMware vSAN and Veeam**
  Synopsis: Protect Business Continuity with the latest Hyperconverged Storage and Replication technology, understand how "Bubble Networking" works (423 Pages) ©2017-19 VMS

ARTICLES

- **The Ghost of ROI Promises Past: When the Corner Office Comes Calling**
  Synopsis: Expensive, proprietary infrastructure solutions became prevalent during the last hardware refresh cycle by promising aggressive savings on TCO

- **Simple and cost-effective security: Password Policy**
  Synopsis: Many organizations opt for intrusive Managed Solutions before implementing these simple steps

- **Do you actually need CA Certificates?**
  Synopsis: Well-known CA's like Thawte and Verisign exist to secure connections between the public and private corporate portals

- **Encryption-at-rest in Today's Datacenter**
  Synopsis: Encryption-at-rest provides security for physical and logical "disks" (LUNs, Volumes, etc.) which become separated from their systems

WEBSITES

- **https://johnborhek.com**
- **https://vmsources.com**

COMMUNITY SERVICE

Flagstaff Sunrise Lions Club
Route 66 Car Club
Local Food Bank

RECOMMENDATIONS

- **Barry Indig**
  Chief Technical Officer
  at Cammebys Management LLC

  John Borhek became our go-to Infrastructure consultant and Disaster Recovery designer/provider the night Hurricane Sandy hit Manhattan. . .
  We were able to reach him after hours, as our Wall Street offices and Datacenter were going offline, and John was able to assist us in success-fully failing over to our alternate DR Facility. Through the night, we worked together to bring our VMware volumes online manually. . . and then John was able to provision a double-NAT solution on the fly, so we did not have to manually re-IP any of our systems.
  I strongly recommend John for any Infrastructure Management position.

- **Steve Banke**
  Founder and CEO of 3-Points LLC

  My company has engaged John on numerous occasions for problem solving and direction with regard to Infrastructure solutions. In each situation, John has come through and provided exactly the answer or solution we needed!
  I can honestly say that John is a big picture thinker. . . John is the ideal candidate for any IT Infrastructure position which requires a 30,000 foot view, while retaining a solid, fundamental understanding of technical and network principles.

- **Kourosh Aminian Razavi**
  IT Director/Cloud Architect/e-Trade at Fort LP

  I have worked with John Borhek on the implementation of numerous infrastructure projects, specifically focusing on VMware, network design and storage. John has clarity of vision and a desire for simple elegance in design that is rarely found these days.
  John possesses a tremendous ability to absorb new technology. . . I would not hesitate to hire John as a soup-to-nuts manager for IT Departments or Infrastructure projects.