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THE POWER OF COLLABORATION**

June 12-14 juin

Achieving PCI Compliance

**Lawrence Dobranski & Trevor Batters
University of Saskatchewan**

Agenda

- Overview of PCI
- What makes PCI a priority?
- Qualified Security Assessor
- Compliance project



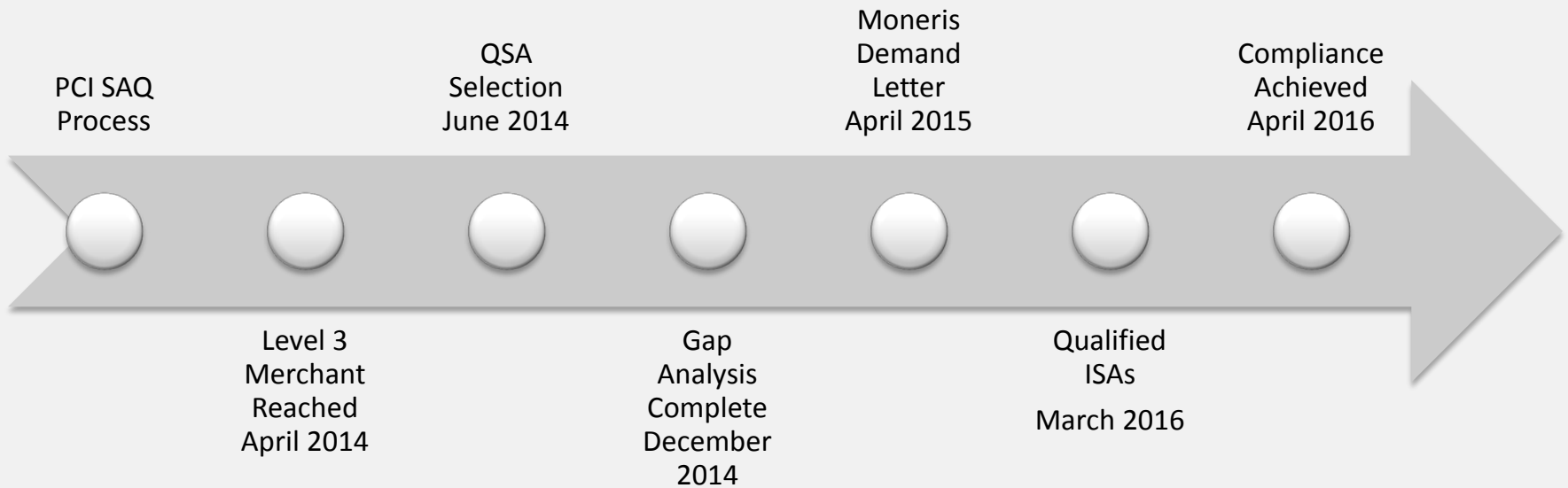
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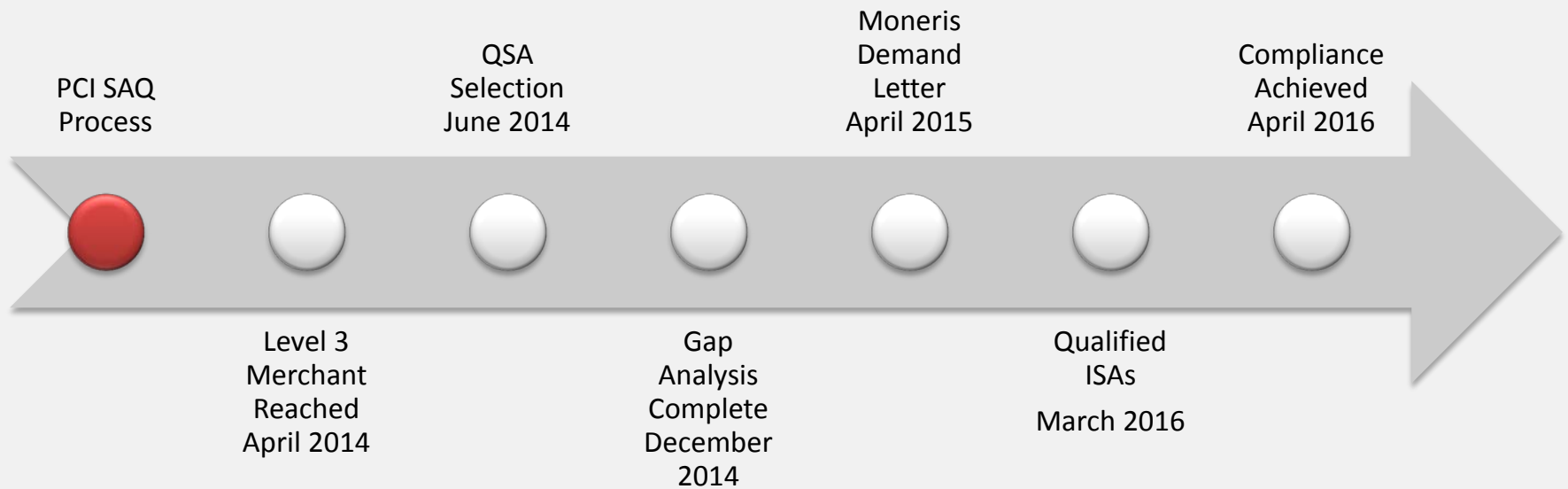
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PCI Overview



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PCI Overview



Security Standards Council TM



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PCI Data Security Standards

Build and Maintain a Secure Network and Systems	<ol style="list-style-type: none">1. Install and maintain a firewall configuration to protect cardholder data2. Do not use vendor-supplied defaults for system passwords and other security parameters
Protect Cardholder Data	<ol style="list-style-type: none">3. Protect stored cardholder data4. Encrypt transmission of cardholder data across open, public networks
Maintain a Vulnerability Management Program	<ol style="list-style-type: none">5. Protect all systems against malware and regularly update anti-virus software or programs6. Develop and maintain secure systems and applications
Implement Strong Access Control Measures	<ol style="list-style-type: none">7. Restrict access to cardholder data by business need to know8. Identify and authenticate access to system components9. Restrict physical access to cardholder data
Regularly Monitor and Test Networks	<ol style="list-style-type: none">10. Track and monitor all access to network resources and cardholder data11. Regularly test security systems and processes
Maintain an Information Security Policy	<ol style="list-style-type: none">12. Maintain a policy that addresses information security for all personnel



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Glossary

PCI	Payment Card Industry
QSA	Qualified Security Assessor
Acquiring Bank	Company contracted to process credit cards (Moneris, Global Payment, etc.)
SAQ	Self Assessment Questionnaire
ISA	Internal Security Assessor

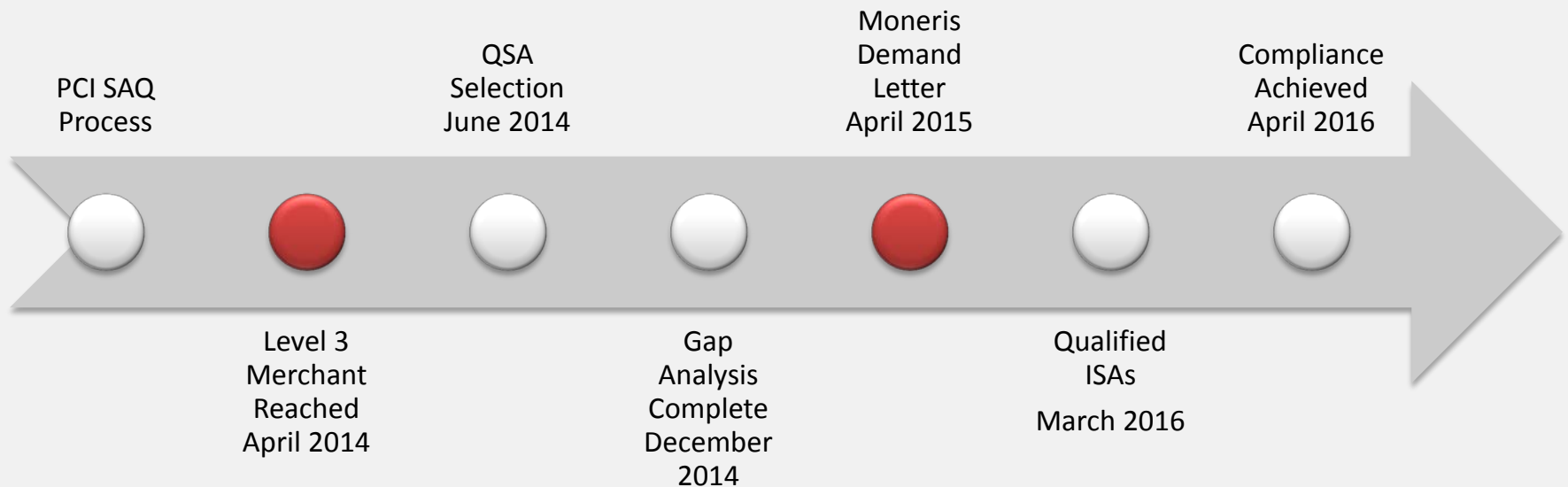


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What Makes PCI a Priority



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What Makes PCI a Priority

- Contract with acquiring bank
- Merchant level
- Demand from a stakeholder
- Data security
- Breach
- Risk management and insurance

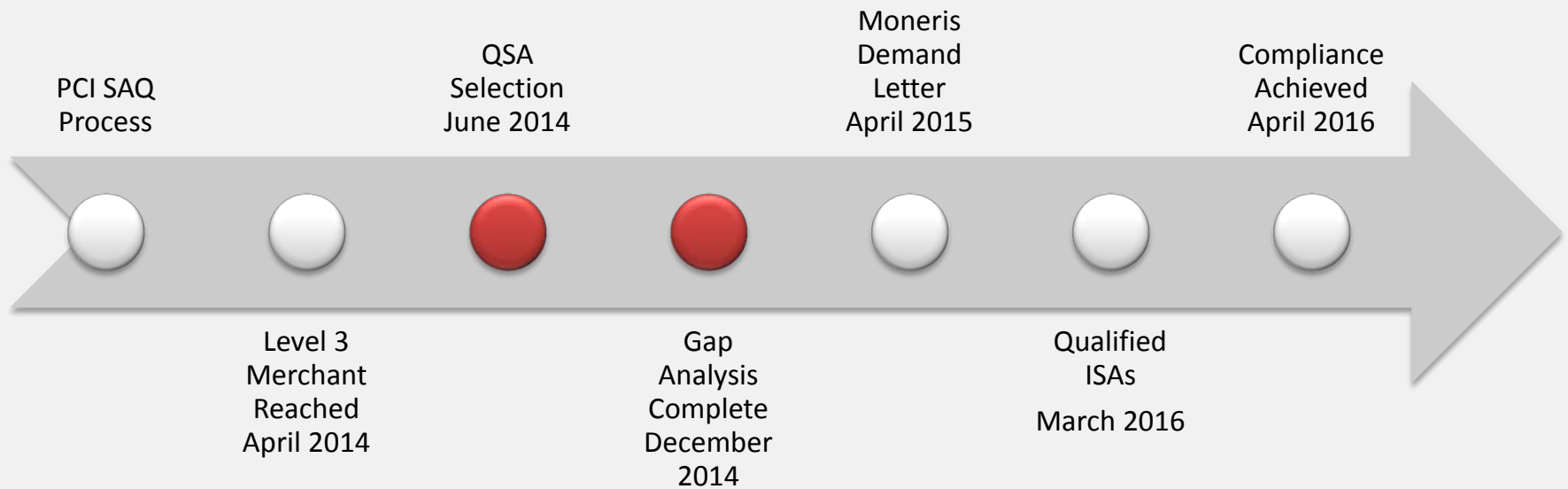


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Working with a QSA



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Qualified Security Assessor

- Selection
- Gap analysis
- Remediation Plan
- Partnership

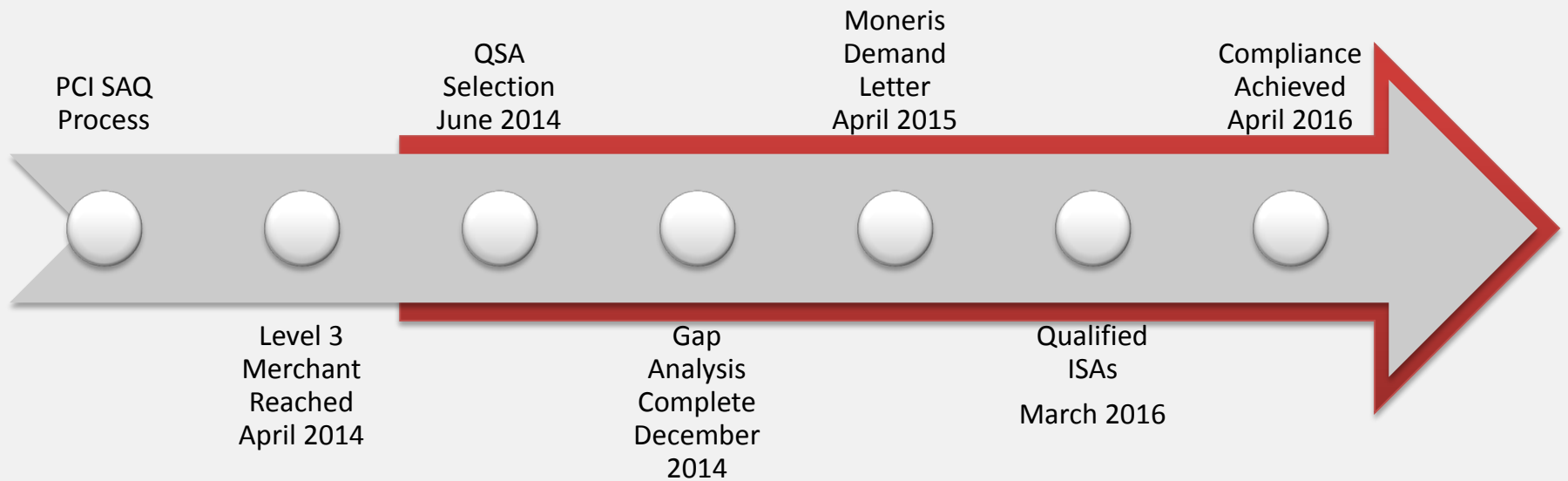


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Compliance Project



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Project: Key players

Key Player	Role
QSA	Provide PCI expertise including initial gap assessment, remediation plan, on-going advice and final audit
ISA	Provide internal PCI expertise to guide campus merchants and provide first review
IT Security	Lead the data security processes for networks, applications and technology
Finance Team	Owns compliance and manages the relationship with the acquiring bank
Procurement	Needs to ensure compliance requirements are maintained in service provider agreements
Campus merchants	Need to ensure they have compliant business processes and prepare SAQs



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Project: Scope

- Network Architecture & Segmentation
- Vulnerability Management
- Identity and Access Management (IAM)
- System Configuration & Asset Inventory
- Management of Third Parties
- Information Security Policy Renewal
- Security Awareness and Training
- Data Center Physical Security



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Project: Key Success Factors

- Partnership between IT & Finance
- Scope Minimization
- Project management
- ISA



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Project: Key Risks

External

- Quality of QSA
- 3rd Party Service Provider Arrangements

Internal

- Network complexity
- Applications
- Credit card services buried in Software as a Service



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3rd Party Service Providers

- Most significant risk to compliance
- Compliance as a merchant versus as a service provider
- Education of providers and campus
- Role of Procurement to manage relationships and contracts

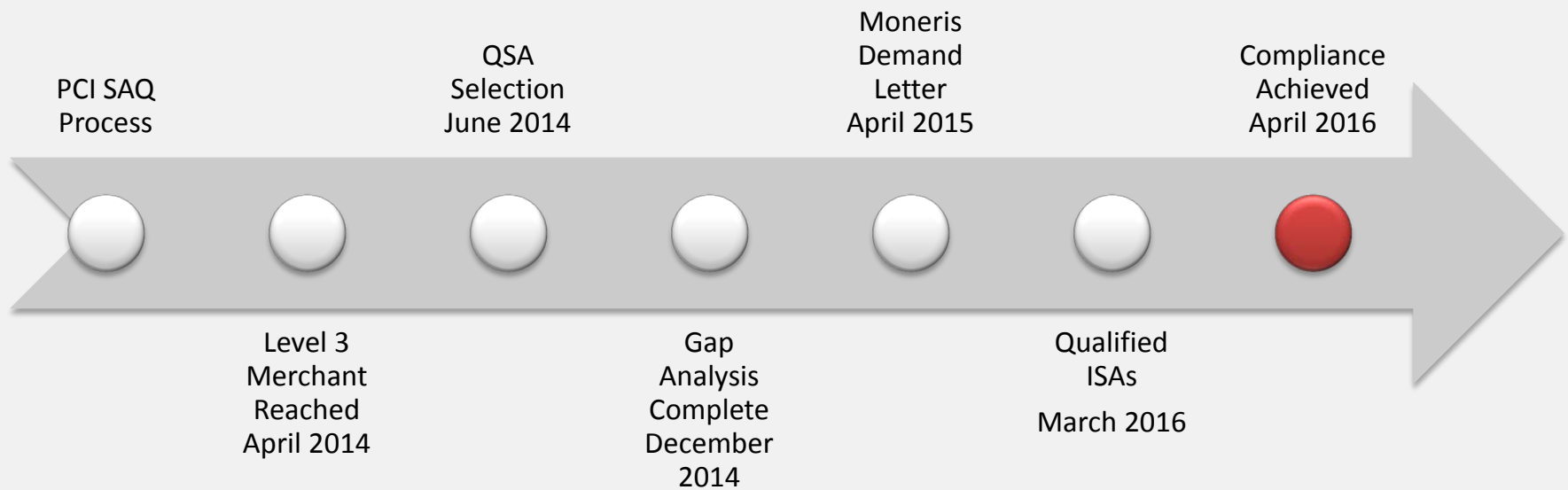


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Compliance Achieved



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SECURITY | COMPLIANCE | NETWORKS

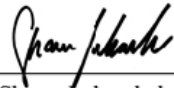
Certificate of PCI DSS Compliance

is hereby granted to the

University of Saskatchewan

IPS, a QSAC designated by the PCI Security Standards Council, attests that the University of Saskatchewan has validated compliance with the Payment Card Industry Data Security Standard (PCI-DSS) version 3.1 by self assessment questionnaire.

April 8, 2016 – April 8, 2017



Shawn Lukaschuk
PCI DSS Qualified Security Assessor



Christopher Law
Vice President Operations



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Compliance Achieved! What Next?

- Continuous compliance
- Address policy and process gaps
- Compliance roles and responsibilities
- Expanding scope
- Capitalize on success and awareness



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Return on Investment

- Increased awareness
- Reusability of data security model
- List of compliant service providers
- Partnership



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Thank you!

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