

Managing Supply Chain Performance in the Healthcare System

Ready at a Moment's Notice Conference
Van Horne Institute
University of Calgary

for

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Province-wide Shared Services. Better Value.

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Health Shared Services BC

HSSBC serves all BC Health Authorities



A <u>not-for-profit Shared Services</u> organization created by and for BC's six health authorities to <u>enhance value</u> to the health system through the <u>effective and efficient delivery</u> of support services.



We operate six business streams ..



Health Authority

| Business Streams | | FHA | IHA | NHA | PHSA | VCH/PHC | VIHA |
|------------------|--|----------|-----|-----|------|----------|------|
| 1. | Accounts Receivable | | | | V | V | |
| 2. | Payroll | | | | Ø | V | |
| 3. | Records & Benefits | | | | V | Ø | |
| 4. | Supply Chain Procurement Inventory & Warehousing | ď | V | v | Ø | V | V |
| 5. | Accounts Payable | 7 | V | V | V | V | _ |
| 6. | Technology Services Storage/servers Network/Voice services Architecture Security | ď | • | • | Ø | V | - |
| | Desktop Management Workstation refresh Service desk Deskside support | v | Ø | Ø | V | v | v |

✓ Current Service Future Service

HSSBC plays a major role in the BC healthcare system ...



- Managing the supply chain for 90 hospitals
- Supporting over 100,000 healthcare clinicians
- Sourcing \$2B of Rx and medical devices each year
- Leading the provincial drug shortage coordination response

An operation of this magnitude requires comprehensive performance management.

Why we measure?



- To control business operations
- To focus on key activities
- To identify variances that lead to better service and cost
- To communicate performance levels to clients

Effective Metrics are ...



- Aligned to the strategy
- Owned
- Few in Number
- Easy to Understand
- Balanced and Linked
- Relevant

Comprehensive Measurement must Balance Four Dimensions ...



- 1. <u>Financial perspective</u>: how do we look to our shareholders?
- 2. <u>Customer perspective</u>: how do we look to our customers?
- 3. <u>Process perspective</u>: in what processes should we excel to succeed?
- 4. <u>Learning and innovation perspective</u>: how will we sustain our ability to change and improve?

... a Balanced Scorecard

Key metrics to track ...



| Financial | Reduced unit costs | Revenue Generation | | |
|------------|---|---|--|--|
| | Profit margins | Return on invested capital | | |
| Customer | Service satisfaction | Innovation | | |
| | Price (rating or benchmark) | Flexibility | | |
| | Timeliness | | | |
| | Quality rating | | | |
| Internal | Product / service quality processes | Inventory | | |
| | Detailed cost analysis (breakdown) | Delivery Punctuality | | |
| | Monitoring of activities | Transportation Efficiency | | |
| | Product / service delivery issue resolution processes | Waste reduction (reduced defects, failures) | | |
| | Risk mitigation processes | | | |
| Learning & | Attracting and retaining quality employees | Best practice sharing | | |
| Growth | Training (skills and knowledge improvement) | Culture | | |
| | Competency identification and development | | | |

Four keys to success ...



- 1. Metrics aligned to strategy
- 2. Each metric has an owner
- Metrics are balanced and linked
- 4. Targets are achievable but reflect customer needs