



# SENTINEL

## Real-time Performance Index Management Software

www.axper.ca

Sentinel software, with Vision II cameras, allows real-time management of performance metrics such as:

- Traffic per zone
- Site or zone occupancy rate
- Average time per zone
- Queue management
- Service delay
- Presence detection
- Other metrics customizable according to user needs

The image displays three views of the Sentinel software interface. The top view is a 2D floor plan with zones highlighted in green and red. The bottom view is a data table with columns for Section, Zone, Time Series, and Value. A smartphone on the right displays the mobile version of the interface.

Section	Zone	Time Series	Value	
Zone 1	Section	Zone	Time Series	Value
Zone 2	Section	Zone	Time Series	Value
Zone 3	Section	Zone	Time Series	Value
Zone 4	Section	Zone	Time Series	Value



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## Other functionalities offered by Sentinel:

- Customization of metrics
- Production of metrics history reports
- Configuration of metrics thresholds
- Sending of alerts by e-mail at specified metrics thresholds
- Automatic or manual resetting of metrics
- Manual adjustment of customized metrics
- Real-time version compatible with iPhone, iPad, Android and BlackBerry

**Queuing and Transaction Time Report**

Date / Hour	IN Traffic	POS 1			POS 2		
		Occ.	AWT	MWT	Occ.	AWT	
10:00	50	5	3,20	5,50	6	2,50	
10:10	43	3	1,92	3,30	5	2,15	
10:20	80	8	5,12	8,80	10	4,00	
10:30	52	6	3,84	6,60	6	2,60	
10:40	75	3	1,92	3,30	9	3,75	
10:50	35	1	0,64	1,10	4	1,75	
11:00	63	9	5,76	9,90	8	3,15	
11:10	98	9	5,76	9,90	12	4,90	
11:20	56	7	4,48	7,70	7	2,80	
11:30	32	1	0,64	1,10	4	1,60	
11:40	12	4	2,30	3,96	1	0,60	
11:50	14	4	2,69	4,62	2	0,70	
12:00	10	3	1,92	3,30	1	0,50	
<b>Total</b>	<b>620</b>	<b>5</b>	<b>3,09</b>	<b>5,31</b>	<b>6</b>	<b>2,38</b>	

  

**Report by zone / Traffic average time**

Day	ZONE 1			ZONE 2			ZONE 3			ZONE 4			Total AT
	AT	Traffic	%	AT	Traffic	%	AT	Traffic	%	AT	Traffic	%	
Monday	2,30	150	30,4%	1,17	107	21,7%	1,15	140	28,3%	1,33	97	19,6%	1,49
Tuesday	2,45	143	42,6%	1,32	67	19,9%	1,22	72	21,4%	1,45	54	16,1%	1,61
Wednesday	2,33	143	44,5%	1,23	49	15,3%	1,24	74	23,1%	1,30	55	17,1%	1,53
Thursday	2,60	180	44,6%	1,42	64	15,8%	1,37	78	19,3%	1,60	82	20,3%	1,75
Friday	2,55	152	35,1%	1,33	75	17,3%	1,45	88	20,3%	1,55	118	27,3%	1,72
Saturday	3,30	175	35,9%	1,42	88	18,1%	2,43	114	23,4%	2,30	110	22,6%	2,36
Sunday	3,34	135	24,1%	1,55	134	23,9%	2,56	127	22,7%	2,34	164	29,3%	2,45
<b>Total</b>	<b>2,70</b>	<b>154</b>	<b>36,7%</b>	<b>1,35</b>	<b>83</b>	<b>18,9%</b>	<b>1,63</b>	<b>99</b>	<b>22,6%</b>	<b>1,70</b>	<b>97</b>	<b>21,8%</b>	<b>1,8</b>

  

**Avg waiting time per day**

Day	Avg. Waiting Time (min.)
Mon	5,12
Tue	9,92
Wed	9,05
Thu	9,30
Fri	7,17
Sat	9,10
Sun	5,12

  

**Store 001: Queue occupancy vs Transaction time**

**LEGEND:**  
 Occ. Occupancy  
 MWT Maximum Waiting Time  
 STE Service Time by Employee  
 AWT Average Waiting Time (min.)  
 # Number of Cash Register  
 ATT Average Transaction Time

### Software Requirements

- Microsoft 2008 SP2 server or higher
- Framework.NET 4.0 or higher
- Microsoft SQL Express 2008 R2 server or higher
- Windows Installer 4.5
- Microsoft PowerShell 1.0
- IIS 5.1 or higher
- Browsers: IE 9 or higher, Firefox 8.0 or higher and Chrome 16.0 or higher
- Mobile/tablet platforms: BlackBerry\*, iPhone, iPad, Android 2.3 or higher

### Material Requirements

- Disk space (DB and software): minimum 4 Gb
- RAM: minimum 4 Gb

\* BlackBerry models may not be 100% compatible with Sentinel. Please check with your Xper representative.

For more information, please call 1 866 658 2360 or 450 658 2360 or email us at sales@xper.ca

