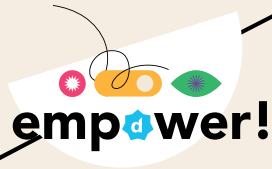


Welc**d**me



[YOUR TRAINER THIS SESSION]

Senior DevOps
Engineer



Baptiste
Pattyn

Baptiste.Pattyn@skyline.be



Mastering Alarms With ~ DataMiner → Use Cases And Insights

Agenda

[WHAT YOU WILL SEE THIS SESSION]

Advanced track

```
1  using Empower_Session_Alarms;
2
3  Console.WriteLine("Hello, Empower!");
4  AgileEmpowerSession session = new("Alarms", TimeSpan.FromMinutes(100));
5
6  session.DoIntro();
7  session.ExplainUseCases();
8
9  while (!session.EndOfSessionIsNear) {
10     UseCase uc = session.Vote();
11     if (uc != null)
12     {
13         uc.DoIntro(2);
14         uc.Discuss(10);
15         while (!session.EndOfSessionIsNear && session.AudienceWantsExtension())
16             uc.Discuss(5);
17     }
18     UseCase newUC;
19     if (session.AudienceHasUseCase(out newUC))
20         session.TryAddNewUseCase(newUC);
21 }
22
```



YES...

BUT WHY

OPEN by Design POWERFUL by Nature



MAXIMUM CREATIVE FREEDOM

benefit from do-it-yourself, but at unsurpassed efficiency and at a fraction of the cost



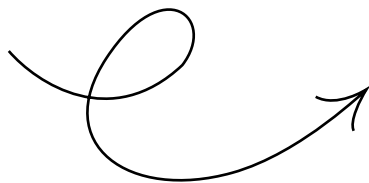
STANDARD SOLUTIONS

benefit from out of the box convenience, without compromising your freedom to innovate



COMMUNITY POWER

community provides an invaluable foundation for accelerating your innovation and maximizing your outcomes



1



Severity Policy

2



Redundancy

3



Alarm Grouping

4



Thresholds

5



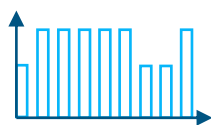
Short alarms

6



Device Alarms

7



Seasonality

8



Connected Serv

9



I don't care alarms

10



Apparent Stability

11



Alarm Masking

12



Correlation

13

?

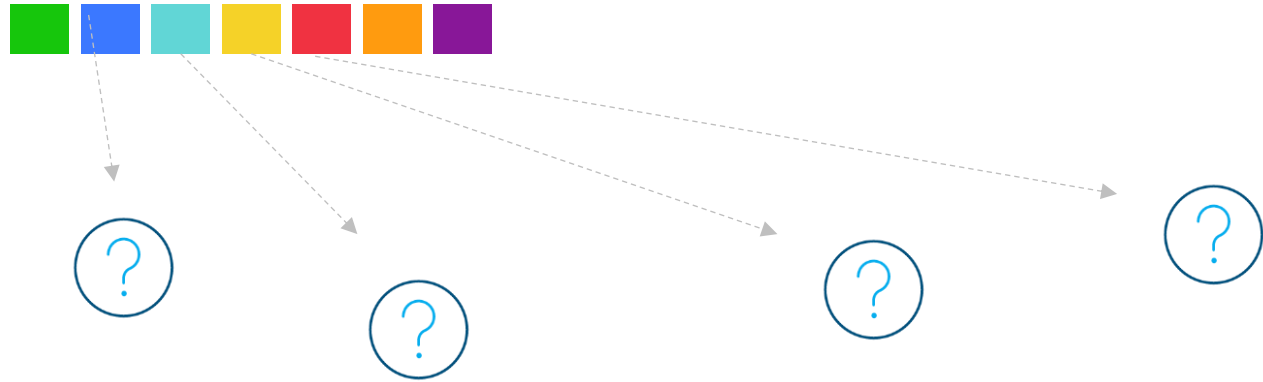
14



Short break

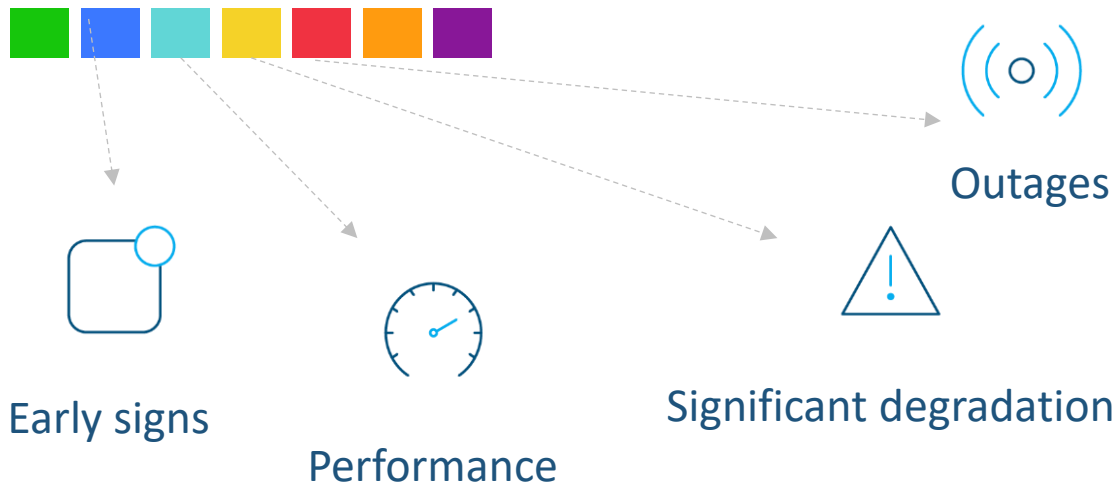


Severity Policy



1

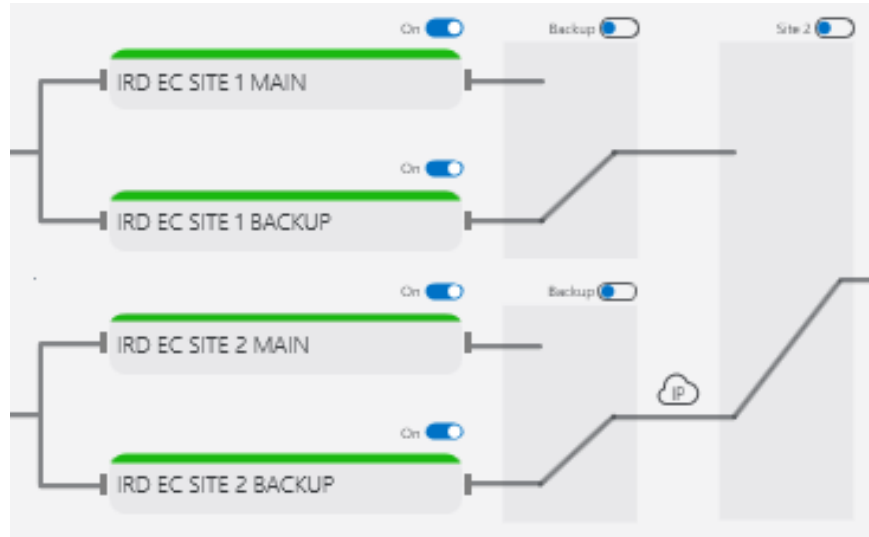
Severity Policy - Service



1

Redundant paths

2





Alarm Grouping

3





Alarm Thresholds

4





Short living alarms

5





Import Device alarms

6



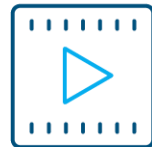


Seasonality

7



[Rui's Rapid Recap - Smart baseline - DataMiner Dojo](#)
(starting from 4:10)





Connected Services

8



'I don't care' - alarms

9

Active alarms (5483 unread)
ELEMENT NAME
Today (605 alarms)
Yesterday (317 alarms)
Tuesday (109 alarms)
Monday (129 alarms)
Sunday (69 alarms)
Last week (607 alarms)
Two weeks ago (514 alarms)
Three weeks ago (518 alarms)
Last month (506 alarms)
Older (2462 alarms)

Bad signs





Apparent Stability

10





Alarm Masking

11





Correlation

12



13?





?

14

15?



[GET INSPIRED]



Let's *ll*

-----> have

a look

[GET INSPIRED]



Exercise - Prerequisites



dataminer
Catalog



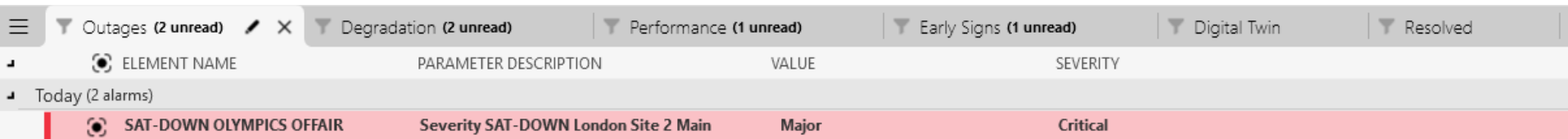
Satellite Downlink Redundancy

Learning & Sample

Satellite Communication

Satellite Downlink Redundancy

Quality of Experience (QoE)







Exercise - Hysteresis



Demo - Delay

Outages (1 unread)		Degradation (2 unread)		Performance		Early Signs (2 unread)		Digital Twin		Resolved		+	
	ELEMENT NAME	PARAMETER DESCRIPTI...	VALUE	TIME		ROOT TIME	SEVERITY	SERVI...	SERVICES				
Today (2 alarms)													
	 SAT-DOWN Site Switch	Switch Site 1	Backup	Today 12:10:39		Today 12:10:39	Warning	0					
	 SAT-DOWN Site Switch	Switch Site 2	Backup	Today 12:09:39		Today 12:09:39	Warning	0					



Exercise – Alarm Grouping





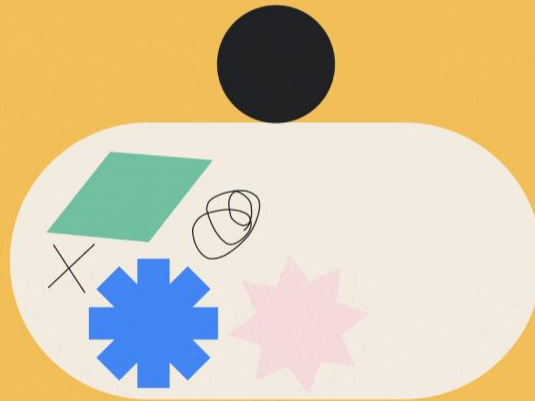
Exercise – Alarm Masking



[How to Mask Alarms in Advance for Scheduled Maintenance? - DataMiner Dojo](#)

[SEE YOU IN 5 MINUTES]

BREAK



[ASK AWAY]



Questions?