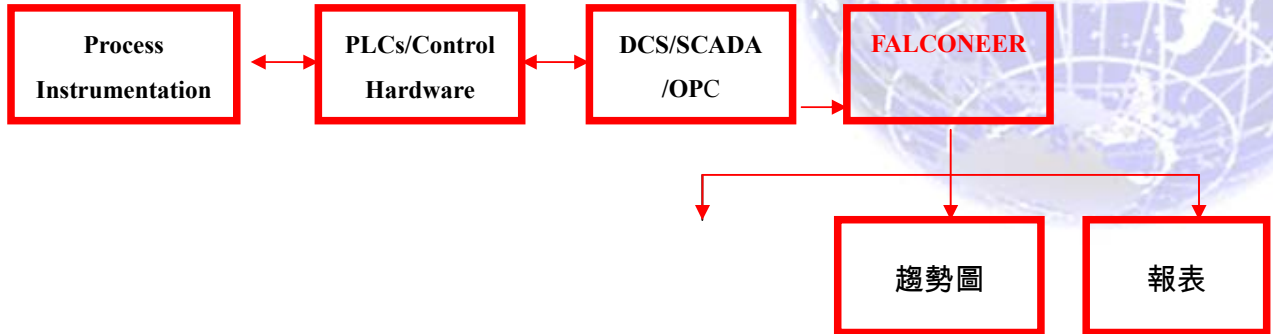


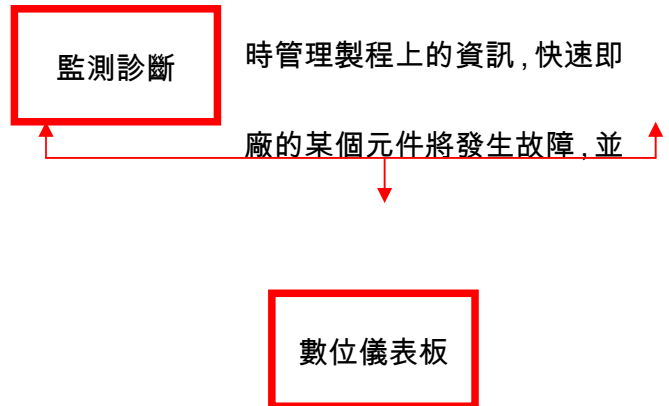
FALCONEER

Fault Analysis Consultant via Engineering (智慧製程即時績效與異常診斷監測系統)



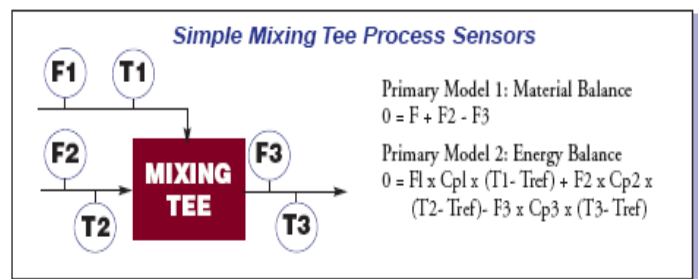
什麼是 FALCONEER ?

是一套製程績效診斷及監測軟體，能及時診斷製程，再經由數學統計分析，預知工找出主因。能大大達到節省成本、改善品質、提升安全、減少停工時間。



何謂最小驗證法 (MOME) ?

MOME 是以模型為基礎的診斷策略，透過質量平衡、能量平衡，以及 VSPC 統計分析與 AI 人工智慧來診斷警報發生的機率。達到事先預警，減少損失的作用。



數位儀表板

KPI Reports via E-MAIL
ADVISORY Reports via E-MAIL



Executive Summary - Daily

Dates: 4/1/2006 12:00:00 AM to 4/2/2006 12:00:00 AM
 Generated for Ferry Treatment Plant - Buffalo Sewer Authority by FALCONEER(TM)

Name	Description	Cur. Value	Units	Max. Seve
THKPOLY_USER	Total Usage for Thickening Polymer in lbs per time increment	4.83	PPM	Green
DEWAT_POLYME	Dewatering Polymer Dosage	148.2	LBS / Dry Ton	Green
DEWAT_POLYUS	Total Daily Usage of Raw Polymer for Dewatering Process	3392	LBS / DAY	Red
DEWATPOLY_US	Total Usage for Dewatering Polymer in lbs per time increment	2.36	PPM	Green

FALCONEER Technologies - Exception Report

FALCONEER Technologies - Williamsville Office

4/1/2006 7:00 AM to 4/2/2006 6:59 AM

** Note: The Current Values column contains the trigger value of the alarm and was recorded when the alarm started. Further investigation of each alarm is recommended to determine the peak and average tag value over the alarm's duration.

State ID: NO ALARMS FOR THIS PERIOD

Flash Analysis - Models

Model	Description	Status	Last Alarm Time	# of Alarm Peaks	Total Duration
E312	E312 Energy Balance (Overall)	Open	3/31/2006 9:27:57 AM	3	45:18:03

Start: 3/31/2006 9:27:57 AM End: EOO_F3C12504 MEAS - 2004 Steam Flow to E312 (pph) Alarm Level Current Value** Ext. Value: 8536 33327

Tag	Description	Status	Last Alarm Time	# of Alarm	Total Duration
E00_L13180NC PNT	CO2 Flash Cell Level C (%)	Open	3/31/2006 10:39:57 AM	3	44:23:03

Start: 3/31/2006 10:39:57 AM End: EOO_L13180NC PNT Alarm Level: 47.01 Ext. Value: 47

EMAILS

FALCONEER (智慧型製程即時績效與異常診斷監測系統)

MAKING PLANTS SMARTER, SAFER & MORE PROFITABLE BY DESIGN

如果以下的問題，您有興趣進一步了解，請跟我們連絡：

- 工廠操作員如何知道偵測器是安全而且測量的數值是正確的呢？
- 工程師能確定偵測器的數值是及時的製程資訊嗎？
- 產線上的警報器都正常運作，並即時反應產線上的干擾或錯誤嗎？
- 每個工廠操作員都有足夠經驗去反應突發的警報，來避免重大的損失嗎？

FALCONEER 可以解決以上所有問題



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