

Road to Excellence



Information is power: The Decision-Making tools

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Information is power: The Decision-Making tools

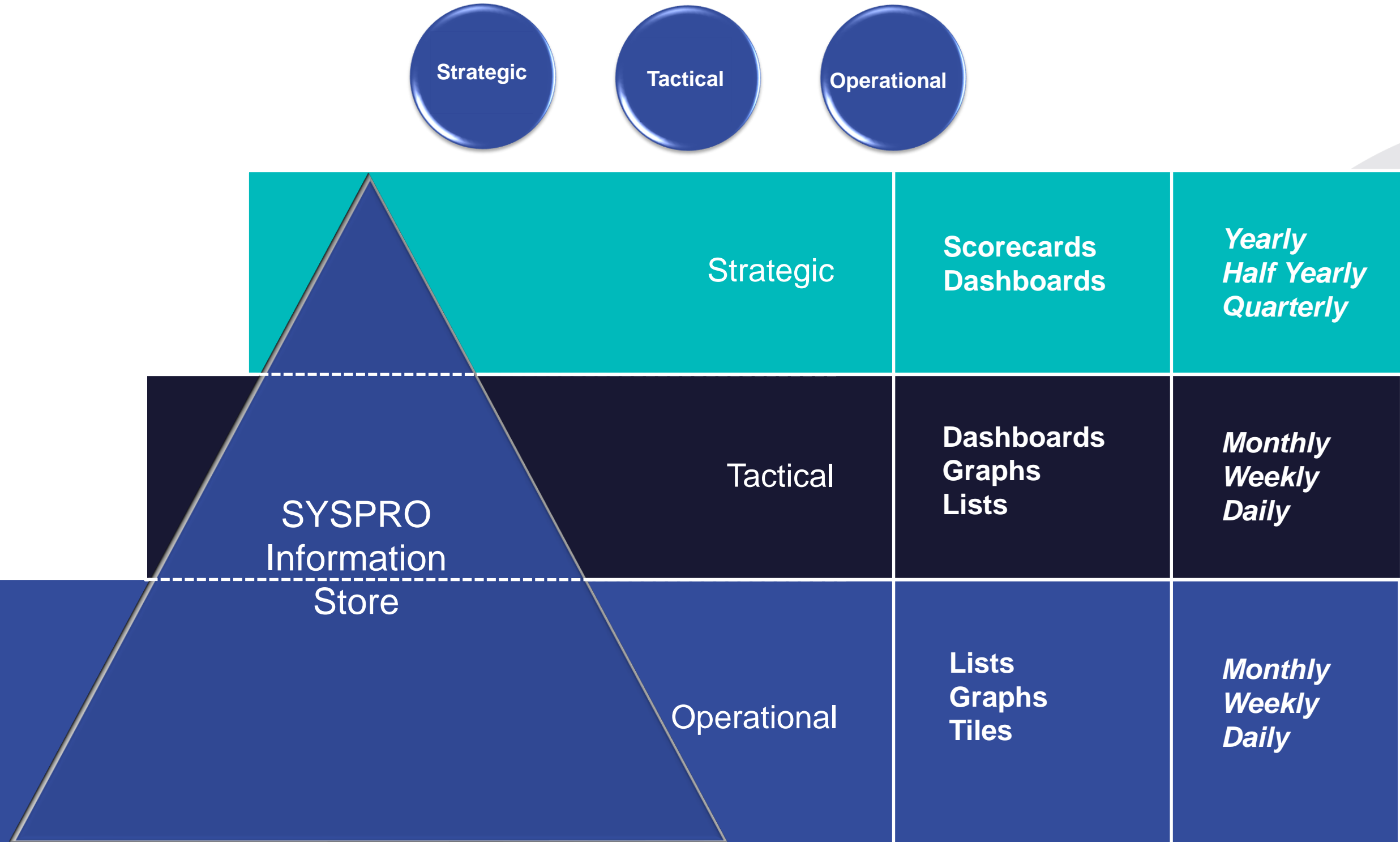
Agenda

- Decision Making – Tool Positioning
- Decision Making – Tool Selection Criteria
- Demonstration
- Questions



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Positioning of tools



Example by position

Strategic

Dashboards with highly aggregated sales data plus data from external sources

Tactical

KPI and report lists with summary info




Operational

Order status reports and lists





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Reporting Tools in SYSPRO – by positioning

Strategic

-  **1**
Embedded Analytics Dashboards
-  **2**
BI Tile Dashboards
-  **3**
SRS Reports

Tactical

-  **1**
Embedded Analytics Dashboards
-  **2**
BI Tile Dashboards
-  **3**
SRS Reports
-  **4**
Custom Panes, Application Builder

Operational

-  **1**
Embedded Analytics Visual
-  **2**
BI Tiles
-  **3**
SRS Reports
-  **4**
Custom Panes
-  **5**
SYSPRO Queries
-  **6**
(Financial) Report Writer

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Examples by output type



- Dashboards
- Individual Tiles
- Graphs
- List of data

Report Writer XML Report Viewer

FileView

Address: C:\SYSPRO8\Temp\temp\WIPMAS2\ReportOnWipJobMaster.XML

GoBrowse

Prepared :
Report :

05/11/2023 15:14
WIPMAS-2

SYSPRO DEMONSTRATION
Report on WIP Job Master - XML

Page :
1

Job	Stock code	Stock description	Qty to make	Job start date	Job delivery date
00000137	B100	Bicycle	300.000000	27/09/2018	03/03/2019
00000140	B113	Handle Bar Assembly	1601.000000	31/03/2019	04/01/2020
00000141	B114	Radially Spoked Front Wheel	1601.000000	31/03/2019	10/02/2020
00000142	B115	Radially Spoked Rear Wheel	1601.000000	31/03/2019	10/02/2020
00000146	LOT100	Racing Bicycle	50.000000	13/02/2019	17/03/2019
00000147	LOT111	Racing Diamond Frame	50.000000	28/01/2019	11/02/2019
00000148	LOT113	Racing Handle Bar Assembly	50.000000	02/02/2019	11/02/2019
00000149	LOT114	Racing Spoked Front Wheel	50.000000	21/01/2019	10/02/2019
00000150	LOT115	Racing Spoked Rear Wheel	50.000000	21/01/2019	10/02/2019
00000151	LOT1212	Racing Bicycle Brake Assembly	50.000000	26/01/2019	29/01/2019
00000152	B1212	Bicycle Brake Assembly	1.000000	01/04/2019	02/04/2019
00000154	LOT113	Racing Handle Bar Assembly	100.000000	11/04/2019	19/04/2019
00000155	LOT114	Racing Spoked Front Wheel	100.000000	14/04/2019	05/05/2019
00000156	LOT115	Racing Spoked Rear Wheel	100.000000	14/04/2019	05/05/2019
00000157	B113	Handle Bar Assembly	250.000000	16/06/2019	30/07/2019
00000158	B114	Radially Spoked Front Wheel	250.000000	21/04/2019	18/06/2019
00000159	B115	Radially Spoked Rear Wheel	250.000000	15/04/2019	12/06/2019
00000160	B113	Handle Bar Assembly	300.000000	18/04/2019	11/06/2019
00000161	B114	Radially Spoked Front Wheel	305.000000	05/05/2019	02/07/2019
00000162	B115	Radially Spoked Rear Wheel	300.000000	24/06/2020	12/08/2020
00000163	External Work	Architecture, Land, etc	1.000000	02/05/2019	08/04/2019
00000164	Construction	Wet Work, Foundations	1.000000	13/06/2019	15/06/2019
00000165	Q100	Bicycle Special	100.000000	19/05/2019	01/07/2019
00000166	Q103	Special Seat	100.000000	12/04/2019	19/05/2019
00000402	B1212	Bicycle Brake Assembly	2.000000	26/05/2019	26/05/2019
00000403	B100	Bicycle	1.000000	09/04/2019	09/05/2019
00000404	B111	Diamond Frame	1.000000	11/05/2019	12/05/2019
00000405	B113	Handle Bar Assembly	1.000000	09/04/2019	18/04/2019
00000407	B114	Radially Spoked Front Wheel	1.000000	14/04/2019	19/05/2019
00000408	B115	Radially Spoked Rear Wheel	1.000000	09/04/2019	16/06/2019
00000441	LOT100	Racing Bicycle	50.000000	23/04/2019	20/05/2019
00000442	LOT111	Racing Diamond Frame	50.000000	14/04/2019	22/04/2019
00000443	LOT113	Racing Handle Bar Assembly	50.000000	26/04/2019	28/04/2019
00000444	LOT1212	Racing Bicycle Brake Assembly	50.000000	11/04/2019	13/04/2019
00000445	LOT114	Racing Spoked Front Wheel	50.000000	08/04/2019	22/04/2019
00000446	LOT115	Racing Spoked Rear Wheel	50.000000	08/04/2019	22/04/2019
00000447	LOT100	Racing Bicycle	5.000000	13/04/2019	15/04/2019
00000448	LOT111	Racing Diamond Frame	5.000000	14/04/2019	14/04/2019
00000449	LOT113	Racing Handle Bar Assembly	5.000000	14/04/2019	14/04/2019
00000450	LOT1212	Racing Bicycle Brake Assembly	5.000000	14/04/2019	14/04/2019
00000451	LOT114	Racing Spoked Front Wheel	5.000000	14/04/2019	14/04/2019
00000452	LOT115	Racing Spoked Rear Wheel	5.000000	14/04/2019	16/04/2019
00000465	LOT100	Racing Bicycle	110.000000	02/06/2019	29/07/2019
00000466	LOT111	Racing Diamond Frame	110.000000	12/05/2019	30/05/2019
00000467	LOT113	Racing Handle Bar Assembly	110.000000	01/05/2019	02/05/2019

SYSPRO DEMONSTRATION (EDU1) Your license will expire on 1st December

Monday 14 August 2023

Workspace: AP Supplier Dashboard



Tool selection criteria

Output

Type

- Single value – KPI
- List of data – Table
- Graphs
- Dashboards
- Data-extract

Consumption

- Paper or PDF
- SYSPRO screen – viewing
- SYSPRO screen – interacting

Input

Transform

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Reporting tools by Output type



Tool selection criteria

Output

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Consumption

- Paper or PDF
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Input

Sources

- SYSPRO database
- Other SQL databases
- NoSQL databases
- Web API
- txt, csv, xml, json

Generating

- Automated
- On demand

Transform

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Reporting tools by Data source type



Tool selection criteria

Output

Type

- Single value – KPI
- List of data – Table
- Graphs
- Dashboards
- Data-extract

Consumption

- Paper or PDF
- SYSPRO screen – viewing
- SYSPRO screen – interacting

Input

Sources

- SYSPRO database *
- Other SQL databases
- NoSQL databases
- Web API
- txt, csv, xml, json

Generating

- Automated
- On demand

Transform

Transformations

- Data formats (char/dec/etc)
- Currencies
- Units of measure
- Descriptors / language translations

Tool selection criteria

- Scoping
- Delivery
 - Internal resources
 - Existing skillset
 - Up-skill employees
 - External resources
 - Requires more formal specification
- Adjustments
 - Later changes require re-spec

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Demo: Report building



Let's build a report around the OTIF KPI (On time in full delivery)

- Create a data source / Business Activity Query (BAQ)
 - Report Writer report from the BAQ
 - BI tile from the BAQ
 - Embedded Analytics dashboard with multiple visuals from the BAQ



Recap

- When identifying a reporting requirement, you need to be aware of the various SYSPRO programs and functions that allow you to surface information from the database.
 - Embedded Analytics
 - SRS
 - Custom panes
 - Etc.
- Identify the relevant criteria to allow you making the best choice for the right reporting tool.
 - Audience
 - Output type / presentation
 - Input / data sources
- Development resources
 - Internal
 - External

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Where to learn more

- NexSys training courses
- <https://help.syspro.com>
- <https://www.youtube.com/@NexSysUK/videos>



Questions & Answers



Thank you

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