



SCHNEIDER ELECTRIC POWERS ITS PRODUCT CATALOG WITH PTC'S SLM SOLUTION

Kevin Habel

Product Manager – MOTIF Environment

08-June-2016

liveworx.com

#LIVEWORX



A decorative graphic in the top left corner consisting of several overlapping, pointed shapes in shades of blue, yellow, and pink.

AGENDA

- Introduction
- Schneider Electric and our Information Challenges
- MOTIF Environment
- Schneider Electric Product Catalog – DIGEST



- Kevin Habel
 - Global Product Manager – MOTIF Environment
 - With Schneider Electric 30 years
 - 1 year in product development
 - 23 years in CAD / CAM management
 - 6 years focused on product information
 - Enjoy running and a good book

SCHNEIDER ELECTRIC, THE GLOBAL SPECIALIST IN Energy Management and Automation



€26.6 billion

FY 2015 revenues

~5%

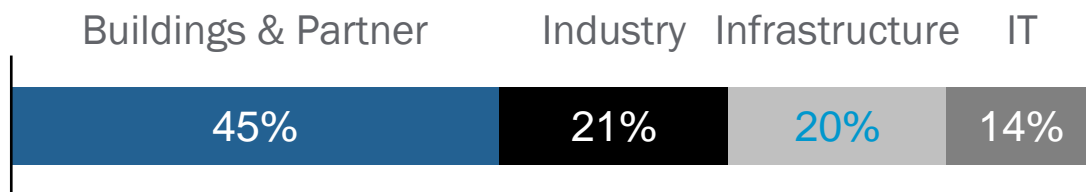
of FY revenues devoted to R&D

160,000+

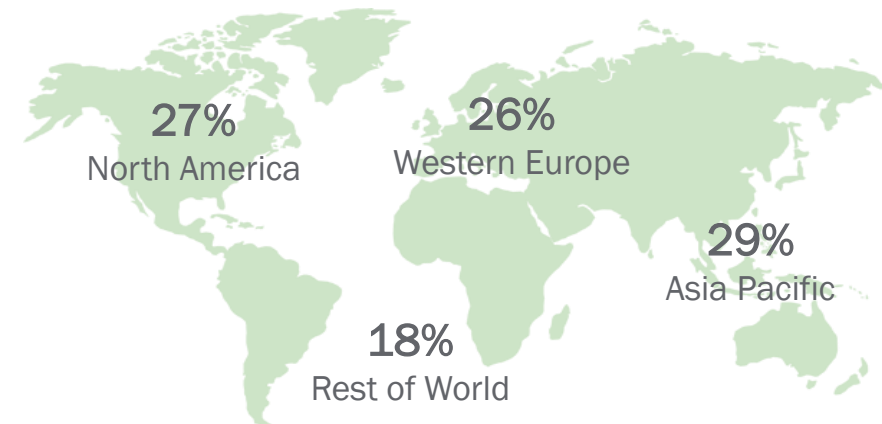
people in 100+ countries

Four integrated and synergetic businesses

FY 2015 revenues



Balanced geographies – FY 2015 revenues



OUR WORLD WILL BE...



More ELECTRIC

80% increase in
next 25 years



More CONNECTED

Connect 50bn devices
by 2020



More DISTRIBUTED

Solar and Storage ~50%
of new capacity by 2030



More EFFICIENT

2/3 energy potential
remains untapped

SCHNEIDER ELECTRIC GLOBAL SERVICE NETWORK DELIVERS End to End Services



Field Services



Global offer powered
by digitization

7,500+

Service Delivery Professionals

Cloud Services



Software and connectivity provide
digital services

250

Service Centers

Energy and Sustainability Services



Managed services built on
deep segment knowledge

15

Service Bureaus

SCHNEIDER ELECTRIC TECHNICAL PUBLICATION TEAMS

Information Challenges



Acquisitions are Common

Globally Distributed Teams

Synchronizing “print” and “digitized” Documentation



Triconex

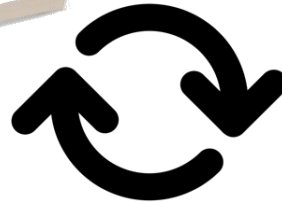
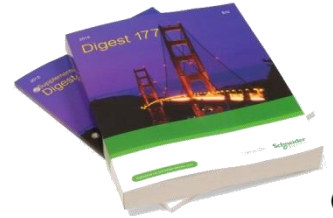
CLIPSAL

PELCO

SQUARE D

APC

merten



Using different tools
Managing different styles

Sharing information
Dedicated product groups

Varied Content Management
Team dependent output

Motif



Illustrate

More images less text



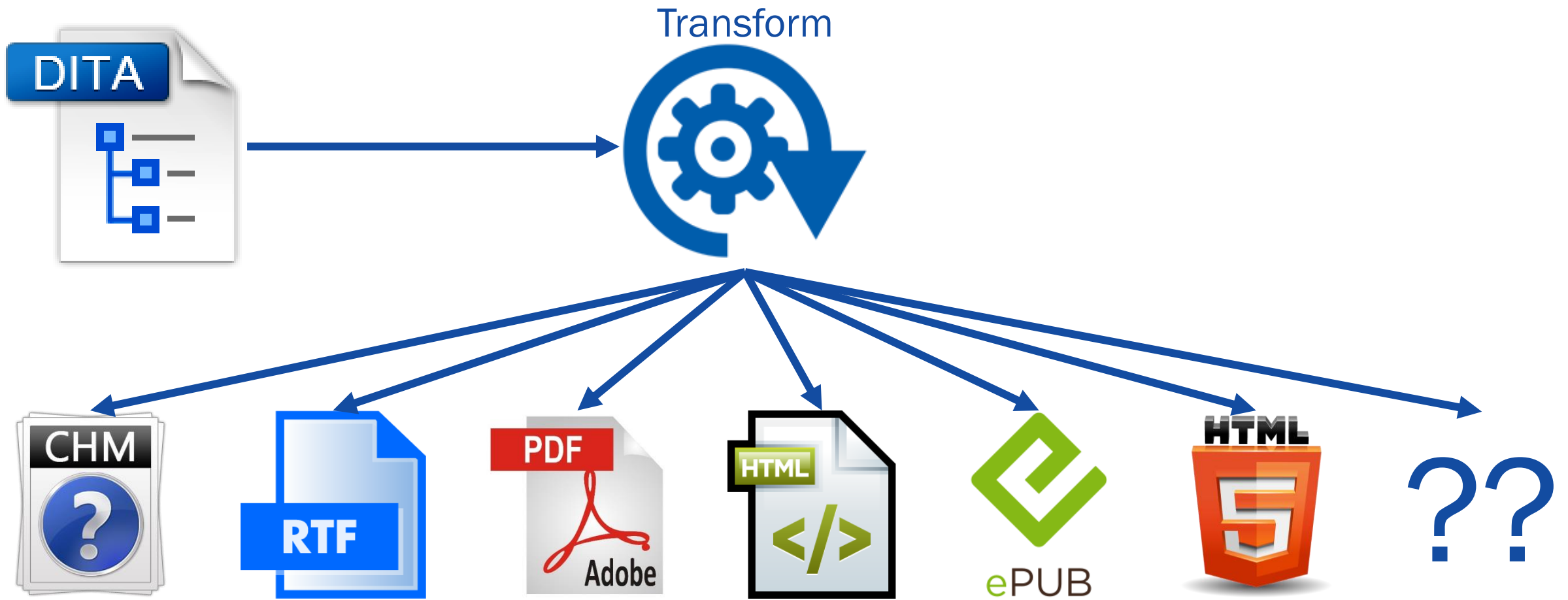
Document

DITA XML as the core

Windchill

Manage

Global CMS



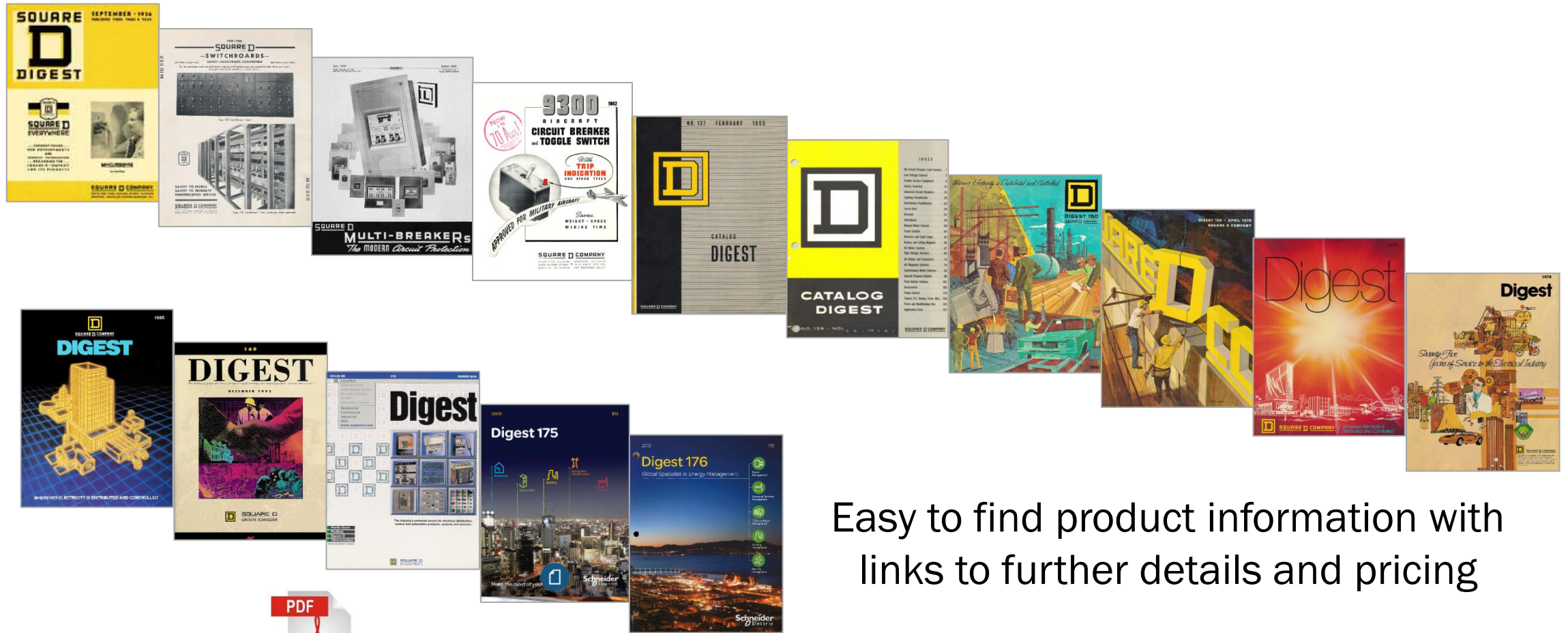
DITA to Multiple Outputs

SCHNEIDER ELECTRIC PRODUCT CATALOG

Legacy of Customer “Digest”



1933



1997

Easy to find product information with links to further details and pricing
... but customers want more ...

SCHNEIDER ELECTRIC PRODUCT CATALOG

Expansion of Digest delivery



- Print and PDF not enough for connected customers
- Challenges
 - Maintain print and PDF
 - Expand to mobile
 - No duplicate work
- Answer – MOTIF and DITA

QO™ Miniature Circuit Breakers Accessories **SQUARE D**
 Class 1130 / Refer to Catalog 1100CT0501 by Schneider Electric
 schneider-electric.us

Accessories for QO/QOB Circuit Breakers

Table 1.15: Accessories for use with QO and QOB Miniature Circuit Breakers

Description	Cal. No.	Schedule
Handle Tie Converts any two adjacent 120/240Vac 1P QO circuit breakers to independent trip 2P Converts any two adjacent 120/240Vac 1P side-by-side QOT circuit breakers to independent trip 2P	QO1HT QO1THT	DEZE DEZE
Handle Clamp Clamp for holding QO 1P handle in ON or OFF position Clamp for holding QO or Q1 either 1P, 2P or 3P circuit breaker handles in ON or OFF position	QO1LO HL01	DEZE DEZE
Handle Padlock Attachment for Padlocking in ON or OFF position For padlocking 1P QO circuit breaker in ON or OFF position <i>Loose attachment</i> Fixed attachment	QO1PRL QO1PRA	DEZE DEZE
Handle Padlock Attachment for Padlocking in ON or OFF position For padlocking 1P side-by-side QOT circuit breaker in ON or OFF position For padlocking 2P QO-GFI circuit breakers in either ON or OFF position, fixed attachment For 3P and 3P QO and Q1 standard circuit breakers which require padlocking in either ON or OFF position. <i>Loose attachment</i> Fixed attachment	QO1PRA QO1PRL QO1PFA QO1PFL	DEZE DEZE DEZE DEZE
Handle Padlock Attachment for Padlocking in OFF position For padlocking 2P and 3P QO circuit breakers in OFF position only, fixed attachment For padlocking 1P QO-GFI, QO-CAF, QO-QS and QO-EFD circuit breakers in OFF position only, fixed attachment For padlocking 2P QO-GFI, QO-CAF and QO-EFD circuit breakers in OFF position only, fixed attachment	QO2PRAF QO2PRAFL QO2PRAF	DEZE DEZE DEZE
Ring Terminal Ring terminals are available as a factory-installed option.	See page 7-10	DEZA
Sub-head Lugs 50 A 2P plug-on - 2 spaces required (6-2 A/Cu) 125 A 2P plug-on - 2 spaces required (12-20 A/Cu) 225 A 2P plug-on - 4 spaces required (4-300 A/Cu) 125 A 3P plug-on - 3 spaces required (12-20 A/Cu)	QO2BSL QO2125SL QO2225SL 277 QO2125SL	DEZA DEZA DEZA DEZE
Mechanical Interlock Attachment For interlocking the handles of two 2P or one 2P and one 1P QO and Q1 circuit breakers mounted side-by-side so that only one circuit breaker can be ON at a time (Not QOU)	QO2DTI	DEZE
With Retaining Kit QO2DTI mechanical interlock attachment with retaining kits for securing two adjacent back-fed circuit breakers in dual power supply applications. Can be used with (2) 2Ps of (1) 2P and (1) 1P QO circuit breakers in QO2BSL100 load center.	QO2DTIM	DEZE

Factory-Installed Accessories for use with QO and QOB Miniature Circuit Breakers
 Factory-installed electrical accessories take up an additional pole space on QO, QO-GFI, QO-EFD, QO-SW/N and QOU circuit breakers. All AC electrical accessories shown below are rated for 50/60 Hz. Accessories are not available for QOB-VH (2P 150 A and 3P 110-150 A) circuit breakers or QO, QOU molded case switches. QO circuit breakers will accept only one accessory per circuit breaker. Undervoltage trip is not available on miniature circuit breakers. Factory-installed accessories are not available for QO-CAF or QO-CAF Arc Fault Circuit Breakers or on QO2150, QO2175, or QO2200 circuit breakers.

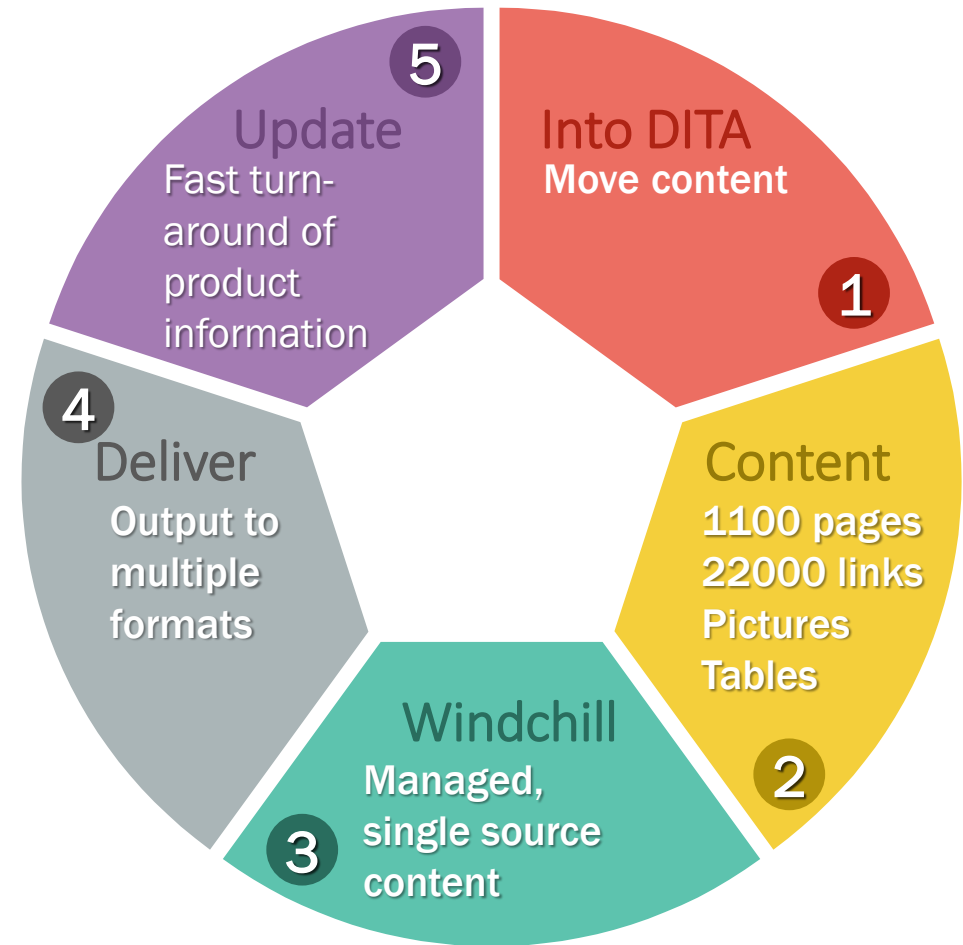
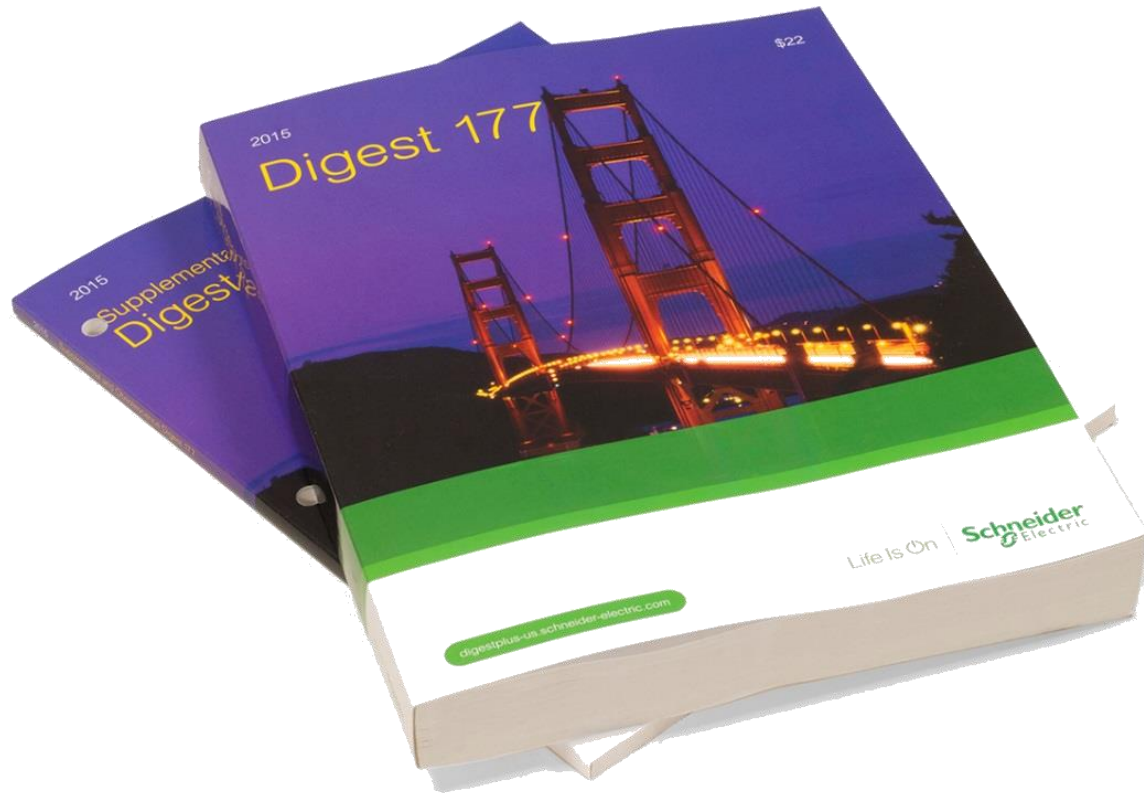
Table 1.16: Factory-Installed Accessories

Accessory	Description	Rated Voltage	Coil Burden	Cal. Trip Switch	Accessory	Description	Contact Comb.	Max. Voltage	Max. Amp.	Cal. Trip Switch
Shunt Trip	Trip the circuit breaker from a remote location by means of a trip coil energized from a separate circuit. A 120 Vac shunt trip will operate at 50% or more of rated voltage. All other shunt trips will operate at 15% or more of rated voltage. Application • For use with momentary or maintained push button. • Not available on QO-GFI, QO-EFD. • Shunt trip terminals accept (2) 0.14-0.12 AWG Cu leads	12 Vac/Vdc 24 Vac/Vdc	80 VA 168 VA	-1042	Auxiliary Switches	Monitors circuit breaker contact status and provides a remote signal indicating the circuit breaker contacts are OPEN or CLOSED. Application • Auxiliary switch terminals accept (2) 14-12 AWG Cu leads • Leads (E/F): Yellow for "A", Blue for "B", Striped common 18 AWG Cu leads	1A 1B	120 Vac 100 Vac	5 A	-1200 -1201
		120 Vac 208 Vac 240 Vac	7.2 VA 228 VA 288 VA	-1021	Alarm Switches	Used with control circuits and is actuated only when the circuit breaker has tripped. Standard construction includes a normally open contact. Application • Leads: Alarm switch terminals accept (2) 14-12 AWG Cu leads	1A	120 Vac	5 A	-2100

[27] Not suitable for use in 30 panels. Use only in 10 panel rated 150 A or greater.
1-8

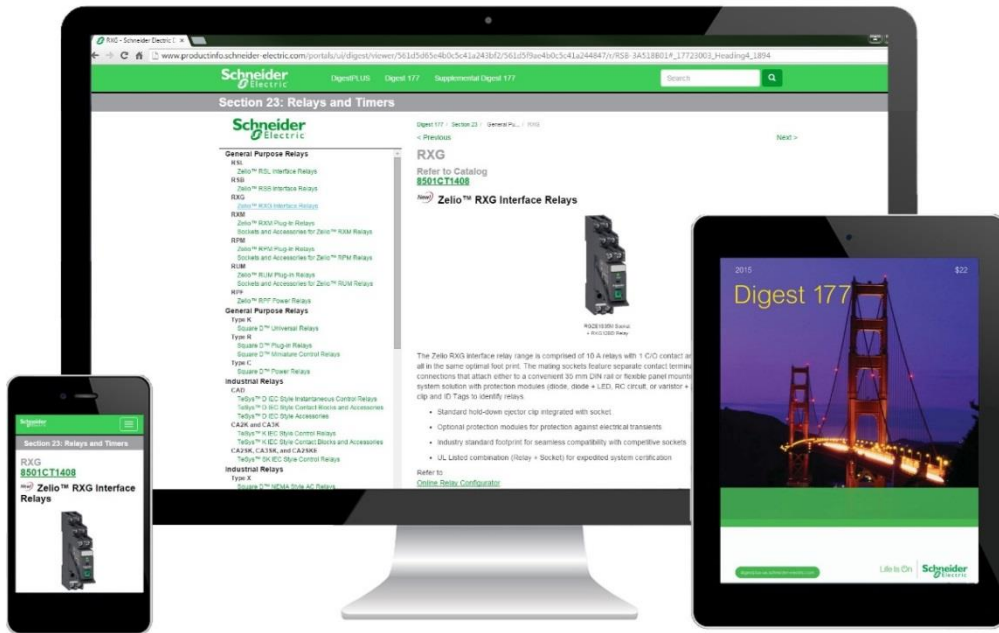
© 2016 Schneider Electric
All Rights Reserved
3/24/2016

SCHNEIDER ELECTRIC PRODUCT CATALOG

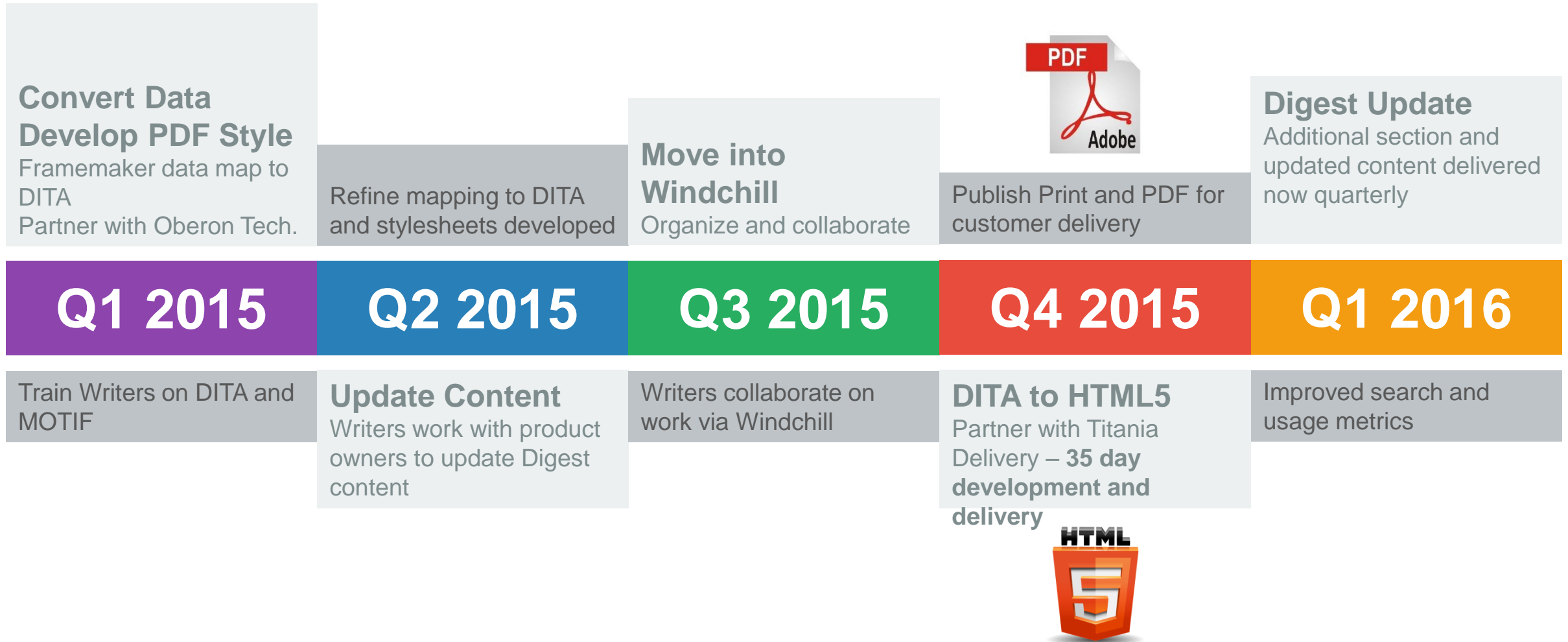


Digitization of the Digest

bit.ly/SEDigest



SCHNEIDER ELECTRIC PRODUCT CATALOG



Activity Timeline

DIGEST Benefits



- Improved search capabilities
 - Inside Digest
 - Via Web
- Quick access to content on any device
- Consistent content
- Collaborative environment
- Easy update and delivery process
- HTML5 delivery helps reduce publishing which help reduce costs

Customers Benefits

SE Benefits



DIGITIZE

**2015 Schneider is On
Global Trophies
I Digitize Bronze Winner**

Corporate Award for Team

DEMONSTRATION

QUESTIONS??

The image features several colorful geometric shapes, including triangles and lines in shades of blue, green, yellow, orange, pink, and purple, scattered across the background. A large, multi-colored geometric shape is prominent on the right side.

LIVE WORX 16™

TAKE A FRESH LOOK AT THINGS

liveworx.com