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Beyond Best Practices: SAP as a Platform for Innovation

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Best Practices vs Innovation



Businesses thrive incrementally by:

cutting costs
increasing revenues

Businesses only thrive exponentially by:

significant innovation

What does SAP now help
businesses do ?

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SAP's Current Market Strategy



SAP's current market strategy

is based on the BuzzWord "**BestPractices**"
and is, therefore, self-limiting

The BestPractices "pitch" is that SAP can help businesses to:

cut costs by introduction of software
which supports or enforces efficiencies

increase revenues by introduction of software
which creates revenue-relevant
decision information from business data

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"Innovation": a New BuzzWord



SAP could:

ramp-up for, and then market,
innovation

Ramp-up its existing software into:

a set of new products specifically designed
to support significant innovations

Market these new products

not only in SAP's usual vertical sectors, but also in
new vertical sectors not yet penetrated by SAP

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Two Examples



From a penetrated sector familiar to SAP:

the need for efficient "SMR-codes"
which is pervasive in US military logistics
(cf. US Army Materiel Command LMP Project)

From an unpenetrated sector new to SAP:

the problem of cross-referencing
structural and functional information
about protein tertiary structures
for drug-design/discovery processes
(cf. <http://www.cumulativeinquiry.com/StrucClues>)

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Credentials (Domain Expertise)



The Efficient SMR-Coding Problem:

1991 Task Order from US Army AMC (SIMA/St.L)
1993 AMCOM-sponsored proposal to US AMC
1997 industry sponsored proposal to AMCOM

The Structure/Function "XRef" Problem

1997-1999: \$400K Grant from US Army (Ft Detrick)
2004 Poster at Computational Genomics VII
Ongoing collaboration (since 1992) with
Drs. Jacques Fresco and Arthur Lesk

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An Existing Business Model



The Insurance Services Office (ISO)

http://www.iso.com/about_iso/

Consortium-Driven

principals are property/casualty insurance firms

"Raison d'etre" (Reason for Being)

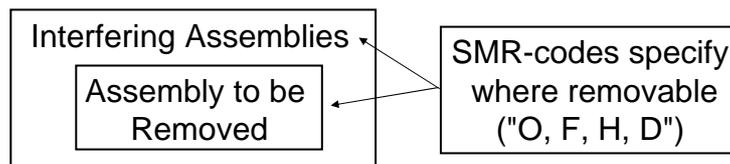
neutral 3rd-party pool of premium/loss stats
(for better actuarial analysis of proprietary data)

centralized actuarial staff, instead of
many staffs within companies

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The "SMR-Coding Problem"



*technician looks up SMR-code for assembly to be removed
and finds it's OK to do so*

*technician looks up SMR-codes for "interfering assemblies"
and finds one or more are not OK to remove*

*problem is at least partially machine-solvable
with the use of "find-numbers" which
THE MILITARY GETS ANYWAY (for manuals) !*

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certain protein tertiary structure domains support certain functions

not "one-to-one": one type of structural domain may be multi-functional

but research is functionally organized, so one lab may not know about all good "attack" strategies on a structure, even if information is "open source"



No, it's not "low-hanging" fruit

But it's within reach of the knowing.

And no one will fall off any ladders picking it.