

**With TPI Next (brand of Sogeti) a broad analysis of a test process can be made. The model is a particularly strong tool in larger organizations with independent testing teams.**

### ***The TPI Next model***

The main features of the TPI Next model are:

- key areas (see table below)
- maturity levels (see table below)
- checkpoints (click on a key area)

Sixteen key areas provide the necessary coverage of relevant aspects. Within each key area, growth is expressed by means of the levels *Controlled*, *Efficient* and *Optimizing*. Each next level builds on the previous one (from left to right). Furthermore the model consists of checkpoints. A checkpoint describes a practice that reflects something of significant value to reach a particular level.

### **The maturity levels are typified as follows:**

- **Initial:** *Starting level*
- **Controlled:** *Doing the right things*
- **Efficient:** *Doing things the right way*
- **Optimizing:** *Continuously adapting to ever-changing circumstance*

(Source: “TPI Next, Business Driven Test Process Improvement” ISBN 9072194977)

Follow the hyperlinks in the matrix to the key areas for details.

Key area	Controlled				Efficient				Optimizing		
<a href="#">Stakeholder commitment</a>	A	B	B	C	F	H	H		K	M	M
<a href="#">Degree of involvement</a>	A	B	C	E	H	H	J		L		L
<a href="#">Test strategy</a>	A	A	B	E	F	F	H		K		L
<a href="#">Test organization</a>	A	D	D	E	I	I	J	J	K	L	L
<a href="#">Communication</a>	B	C	C	D	F	F	J		M		M
<a href="#">Reporting</a>	A		C	C	F	G	G		K		K
<a href="#">Test process management</a>	A	A	B	B	G	H	J		K		M
<a href="#">Estimating and planning</a>	B	B	C	C	G	H	I	I	K	L	L

<a href="#">Metrics</a>	C		C		D	G	H	H	I	K		K
<a href="#">Defect management</a>	A	A	B	D	F	F	H	J	K	L	L	
<a href="#">Testware management</a>	B	B	D	E	I	I	J	L	L	L		
<a href="#">Methodology practice</a>	C	D	E	F	H	J	J	M	M			
<a href="#">Tester professionalism</a>	D	D	E	E	G	G	I	I	K	M	M	
<a href="#">Test case design</a>	A	A	E	F	I	I	J	K	K	M		
<a href="#">Test tools</a>	E	E	E	F	G	G	I	L	M	M		
<a href="#">Test environment</a>	C	D	D	E	G	H	J	J	L	M	M	

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