

PRC product overview

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What is IT Governance?

- The framework, principles, structure, processes and practices to set direction and monitor compliance and performance aligned with the overall purpose and objectives of an enterprise.
- Ties IT goals to those of the enterprise.
- Ensures that IT delivers valuable services through the optimal use of its resources, while understanding the risks involved.
- Establishes goals and metrics to track organizational performance.

IT Governance for U2



Comprehensive, integrated
Built in and for U2
Since 1992



What is PRC?

Tool and process to manage IT Governance

More specifically:

- Change control with programmer utilities

- Project management

- Test management

- Problem Reporting

- Audit & compliance



PRC is Mature, yet trendy

Hundreds of
installations

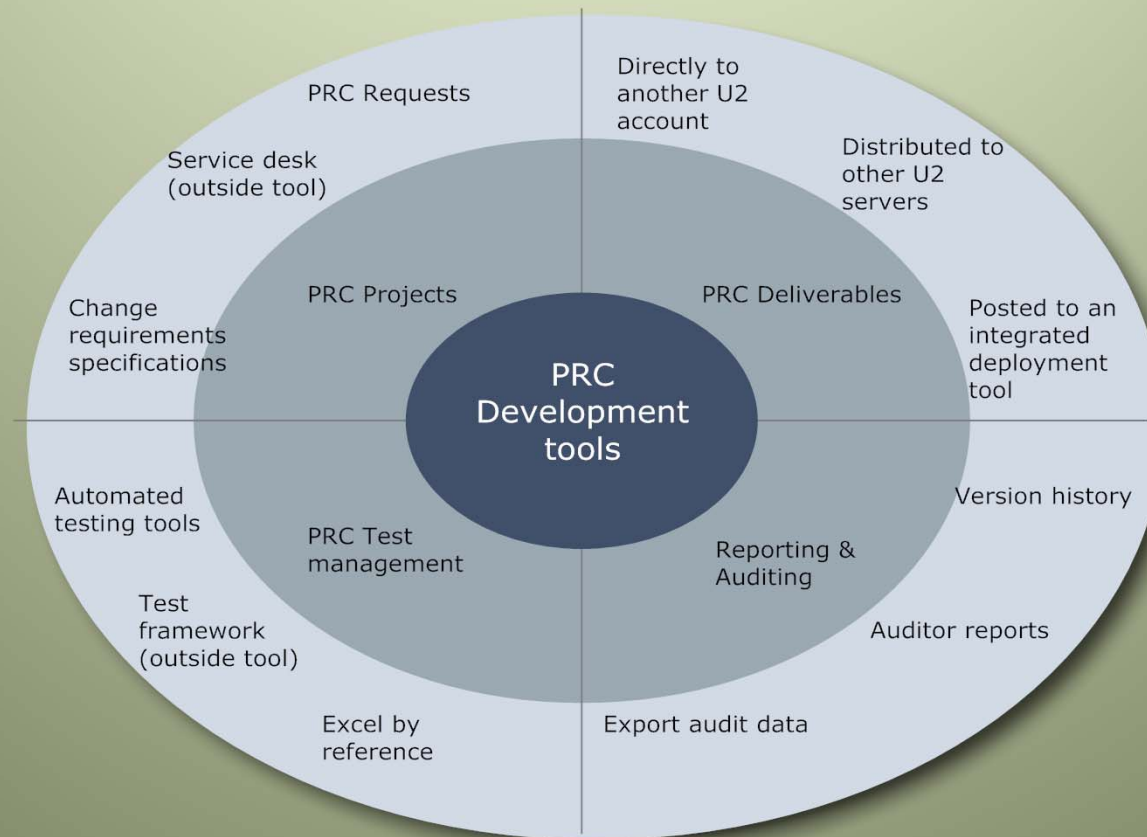


Current with
compliance &
practices

Ready with solutions

PRC gets along well with others

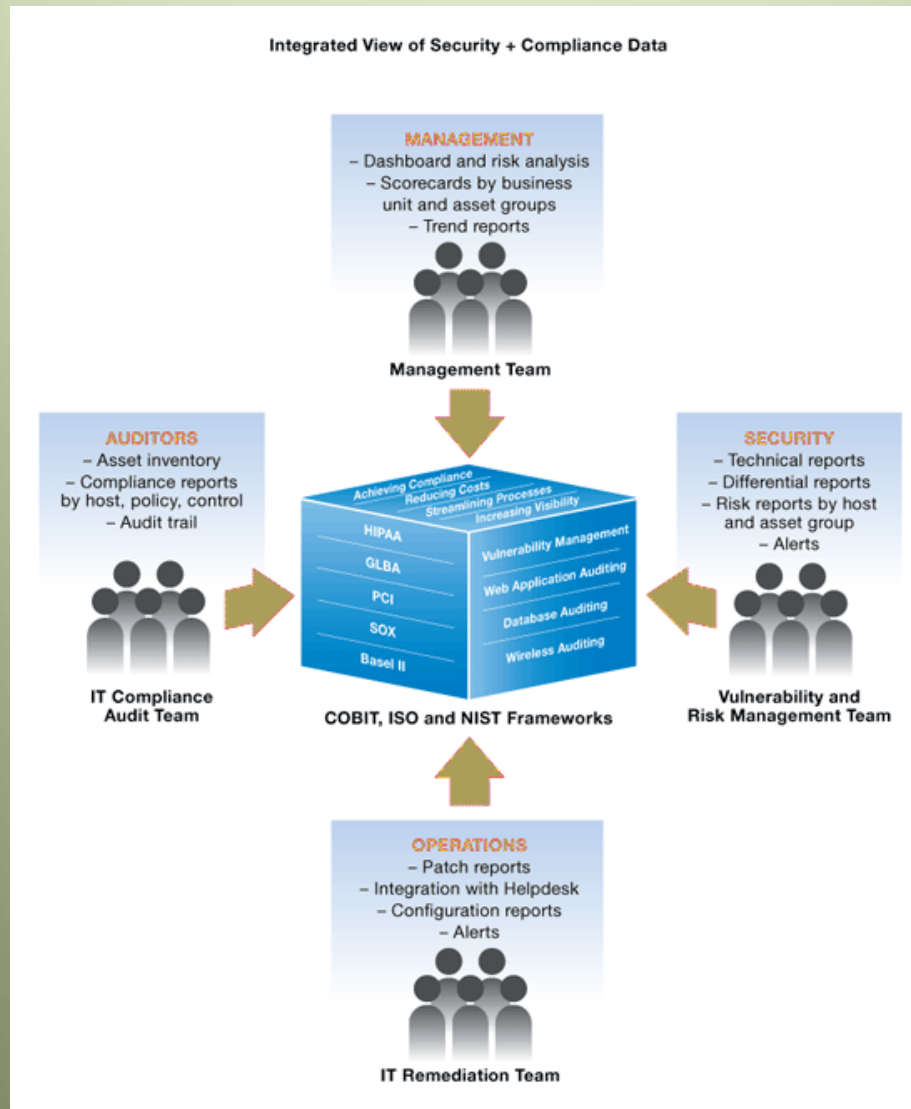
Software Lifecycle
IT Governance



PRC supports *your* compliance requirements



Put them together: Plays well with others while supporting compliance



PRC has a collective intelligence



A snow-ball of great ideas and best practices

PRC is best of breed and bred for U2



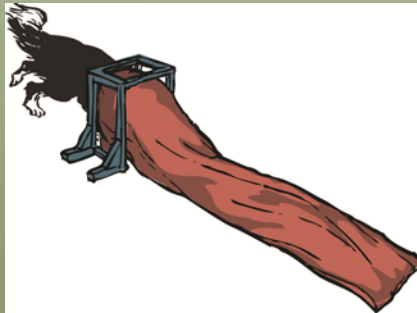
- Hundreds of installs around the world
 - Many U2 partners
- **Businesses, both large and small**



How does PRC do it?

Mission statement:

To provide useful information to management and transparency to the auditors PRC must be used. In order to be used it must be easier to use it than not to use it. It must benefit those who have their hands on the software day in and day out.

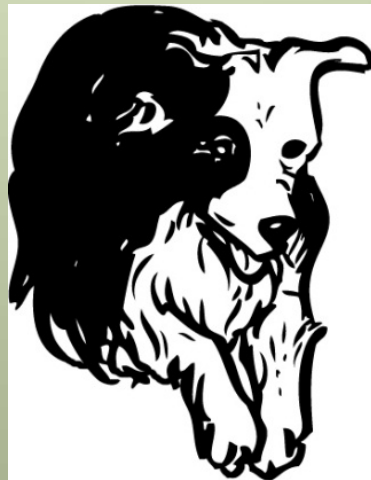


Okay, but how?

- By allowing you to **define** the **environment**, the users and the **life-cycle**
- According to the **culture** of the company and the **habits** of the individuals as well as the **requirements** of the regulation
- ***Automating and enforcing*** those decisions from within the workflow
- **Minimizing** slow-down and making up for it with productivity and quality **gains**.
- While allowing ***gradual fine-tuning***

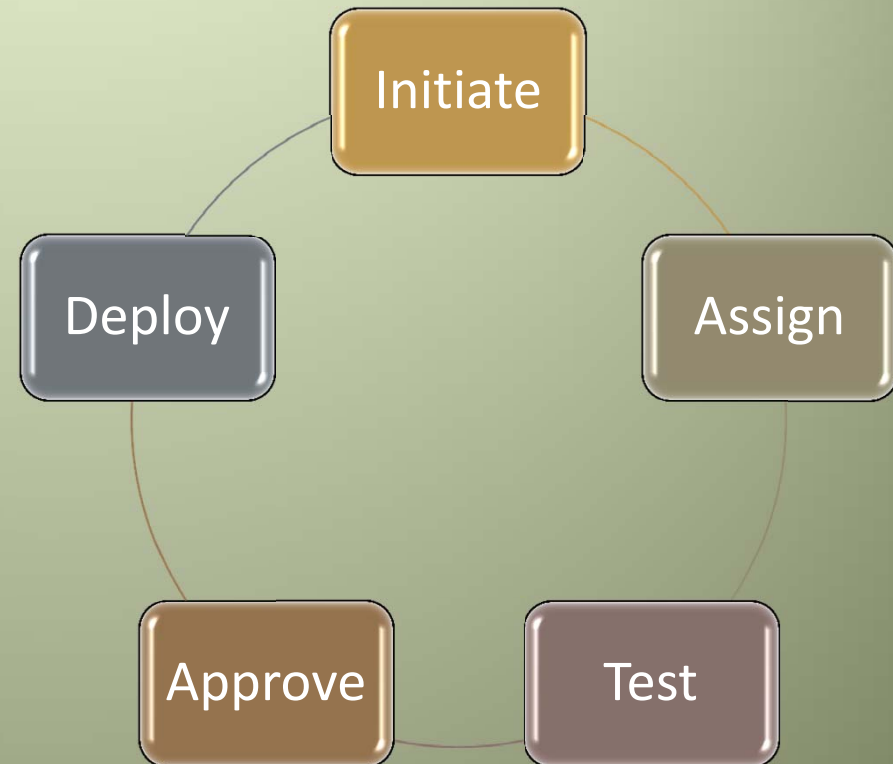


No, really. How?



PRC: Define the life-cycle

- Via status codes
 - As many or as few, by type
- Establish the rules for
 - Who can do what
 - Where and when
 - Who gets notified
 - Time-dated **sign-offs**



Defined lifecycles are demonstrable, enforceable

PRC: Define Where - Realms

- Realms are whole instances of the software, with defined boundaries and governing law according to purpose (e.g. DEV, TEST, UAT, LIVE).



PRC: Define Who – User profiles

User profiles customize the diverse working style of the individuals as well as their permissions, clearances and authorities.

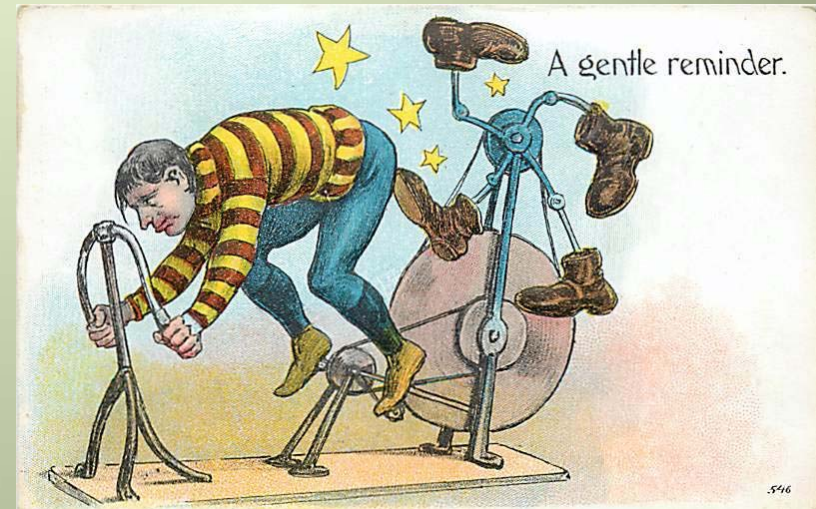


PRC: How quickly? How carefully?

- Create multiple configurations / life-cycles
 - High profile/high risk projects may have more sign-offs
 - Emergency projects can have some bypass options
- Custom configure according to
 - Model // approach // policies
 - Corporate culture
 - Individual habits and practices
 - More flexible or rigid environments.
- Fine tune it over time



PRC can monitor, remind or enforce...



PRC is a U2 insider

- Built with U2 files and programs
 - Familiar, accessible, reportable
- Understands and hashed files
 - Dictionary & metadata
 - Control files
 - Data files
- Tools and procedures within the environment, inside the workflow



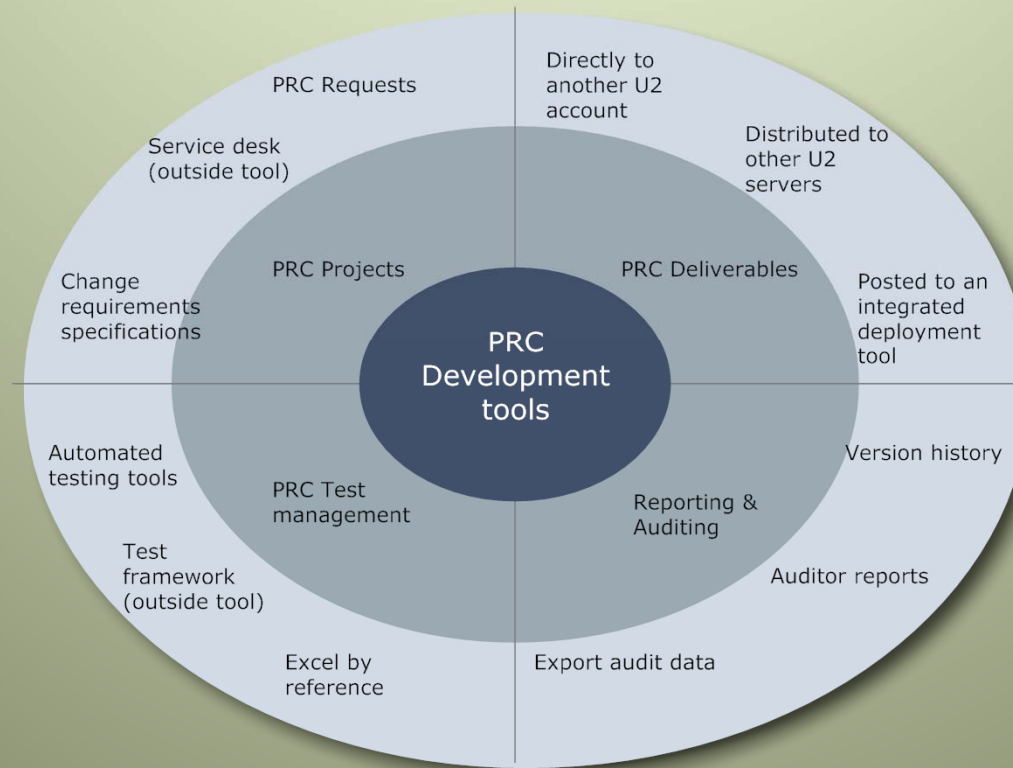
PRC tells the complete story



- Who wanted it, who authorized it and when, what was changed by whom – when and where. Where is it going, how did it get there...
- Pre-defined security framework, then audit trail.

PRC and the SDLC

Software Lifecycle
IT Governance



IT Controls

- What is an IT control?
- Which ones does PRC accommodate?
- How, specifically?

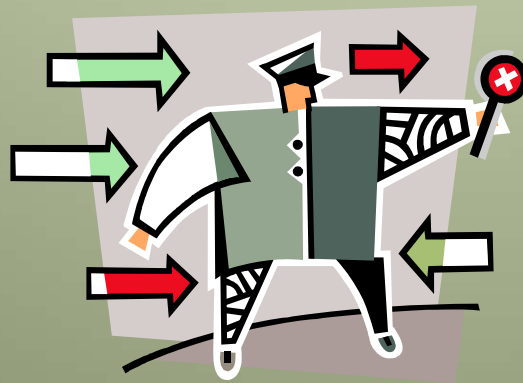
IT controls: DR/ rollback

- Disaster recovery plans are necessary
 - for large scale wholesale disasters
 - for those one-off little disasters where a shiny new piece of functionality breaks something and we just want it back the way it was.
- Emergency management
 - Making really fast software changes
 - Making data corrections



IT Controls: Users

- Clearance (who can)
- Audit (who did)
- Segregation of duties (enforced)



IT Controls: Change control

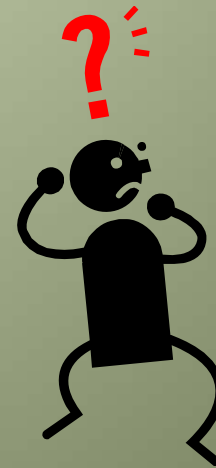
- When you can't
- When you did
- Check-out/check-in



Get it? Change control? Yuk-yuk.

More about change control

- **Check-out / Check-in**
 - In process, check-out is automatic
 - Or proactive, check out what you'll need
- **Either way: No one can mess with it!**
 - Wow that's going to be awesome
 - Except... how do I, but what if ...



(Graceful) Parallel Development

- Taking releases from a vendor
- Bringing in work from home, off-site
- Bringing back work from a customer site
- Managing outside developers
 - Third party
 - Off-shore



Parallel Development

- Changes in priority
- Bottleneck at testing
- Large projects vs. small fixes

HOW????

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HOW????



There are as many answers as questions.



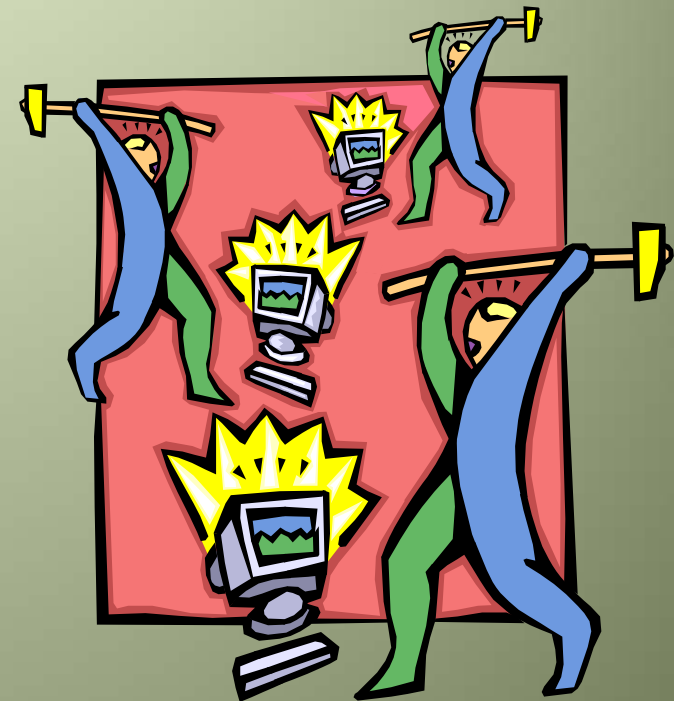
Agile practices



PRC's project-centric orientation and deployment methods lend themselves very well to time-boxes and agile iterations.

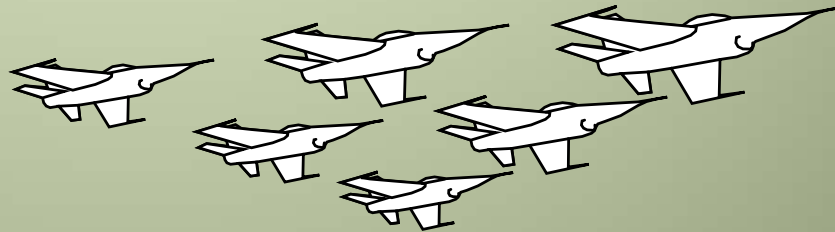
Managed testing

- Store user-stories and test plans with the software and project.
- Hierarchical test plans, by phase with unlimited iterations
- Start small and grow into it



Deployment

- Customers
 - Internal
 - External
- Servers
 - Internal
 - External
- One-step
 - Delivery
 - Rollback
- Visibility
 - What was delivered and when



Metrics

Its amazing what you can discover once you start collecting metrics. PRC will start collecting them for you right away.



PRC from SJ+

<http://sjplus.com>





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