



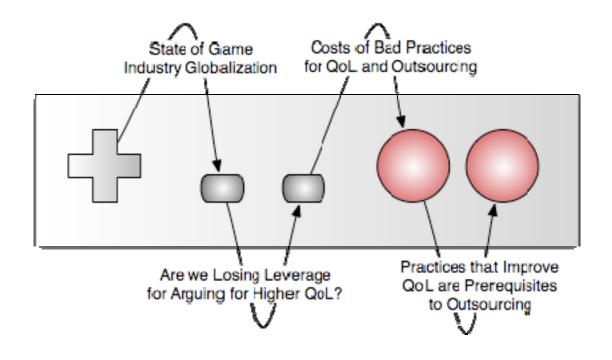
## Quality of Life in a Global Game Industry

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#### Map Screen

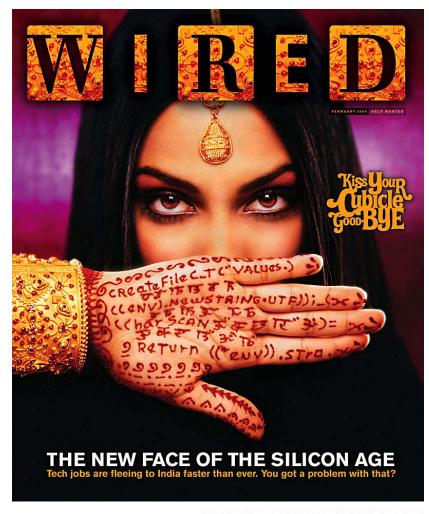




## The Rise of Global Video Game Production

- Rates Expected to Rise from 60% to 90%
- A Russia, Eastern Europe, India, China, Vietnam
- Audio and Music
- Art and Animation
- Localization and Porting

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## Increasing Demand for Asset Production

- 50% rise in production costs for Next-Gen
- 43% already outsourcing art production
- Games asset bound rather than engineering bound



# The Three Categories of Outsourcing Firms

- Pure Services Companies
- Service Companies Eyeing Domestic Market
- Service Companies Eying Global Market



### Globalization is our Reality

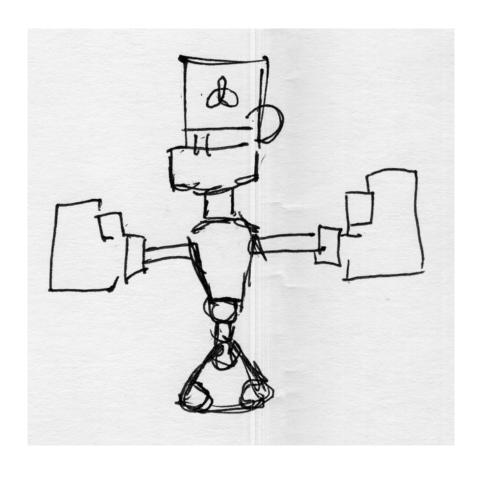


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# Developers Losing Leverage for Arguing for QoL?

- Is good QoL incompatible with a global game industry?
- Is good QoL incompatible with the game industry?







# Developers Losing Leverage for Arguing for QoL?

- How many of you feel like arguing for improved QoL either just is not working or you don't have any leverage?
- How many of you are worried about offshore outsourcing? www.rpi.edu/~odonnc/





## "Outsourcing Rattles the Skeletons in the Closet"

- Core competencies are reinforced
- Weaknesses rise to the surface
- Top problems with outsourcing is quality and scheduling





## Costs of Bad QoL - Turnover

- High turnover rates
- High ramp up costs for new employees (\$32k/person avg.)
- 47.2% of developers want to stay in the game industry
- 4 34.3% expect to leave within 5 years

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## Costs of Bad QoL - Turnover

- Turnover rates in emerging economies is higher
- Youth of new industry means we have very little data
- Money will not win the battle for the best employees





### Costs of Bad QoL - Rework

- As much as 60% of production work can be rework
- Well run projects rework rates as low as 20%



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### Costs of Bad QoL - Rework

- Ever hear of a change order?
- Less experience tends to mean more rework
- Most companies successful with outsourcing are doing sequels or games with well defined pipelines www.rpi.edu/~bdonnc/





## Costs of Bad QoL - Schedules

- Schedule slippage linked to insufficient pre-production
- 4 13.5% of developers believe pre-production teams are able to accurately predict timelines





## Costs of Bad QoL - Schedules

- Pre-production is largely unexperienced in new industries
- Production timelines already constricted by companies looking to go overseas





#### Costs of Bad QoL - Lost Sales

- Missing the holiday season rush
- Missing a movie tie-in release date
- Missing a console launch
- Missing a big conference or expo (lost publicity)



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#### ea\_spouse China?

This is a guy come from [location] studio. In this studio we over time every day.

This f\*cker studio manager [NAME]. tell us we must over time every day, and he said if you don't I will be fire you! He pays all of our man just a little salary, and never gives our over-time money. That's an exploited!!!

He is unscrupulous in his exploitation of people. I was amazed to see we are all Chinese people, we are countrymen."





### Achieving Higher QoL

- Optimization of 40hour week
- Longer preproduction phases and team buy-in
- Change control during production
- Effective negotiation



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#### Time at Work

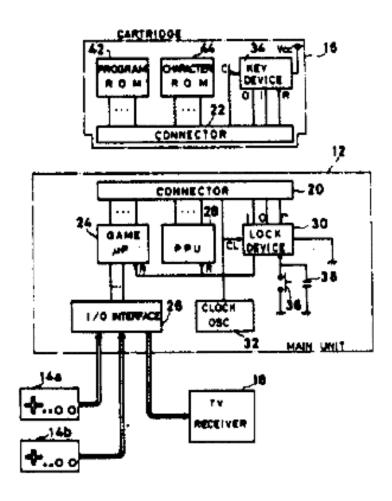
- Core Hours
- Time Zones Matter



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#### Passion, Inc.

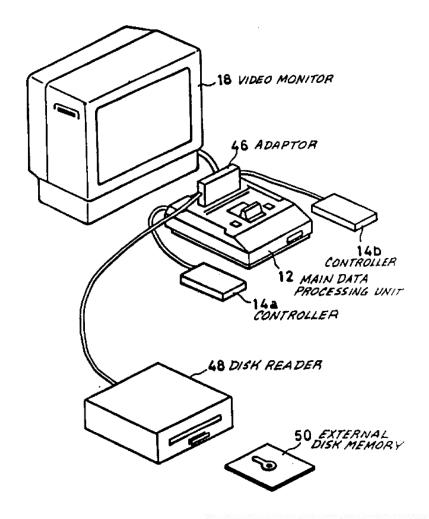




#### The Pre-Production Equation

- What x How
- **...**
- Time

Quantity of bad projects out there



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### **Change Control Processes**

Effective Negotiation

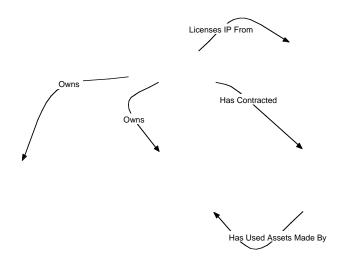


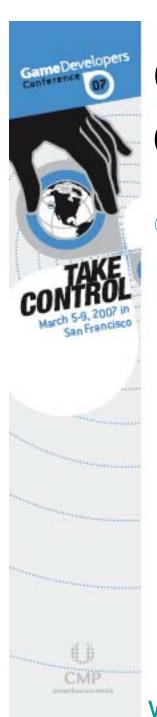
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## What Does Management Want to Hear About QoL?

- Not just about bottom line
- Long term growth
- Sustainability
- Return on Investment
- Organizational Learning
- Industry Learning
- Retention of <a href="https://www.rpi.edu/~odonnc/">www.rpi.edu/~odonnc/</a>





# Good QoL is a Prerequisite to Outsourcing

If it does not work in house, it will never work outside



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#### Conclusion



